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# SEEDS, BULBS, PLANTS AND GARDEN SUPPLIES

GR. 61



Harry A. Punyard, Co.  
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Spring  
1916

The  
UPTOWN  
SEED STORE

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# Harry A. Bunyard Co. INC.

## Seeds · Bulbs · Plants Grass Seed Specialists

**THE UPTOWN SEED STORE**

**40 West 28th Street  
New York City**

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MORTY WEST TWENTY-EIGHTH STREET is between Broadway and Sixth Avenue—on the south side—and is about midway between these great highways.

On Broadway we have the surface cars; on Sixth Avenue the Elevated, and McAdoo Tunnel Stations and the surface cars; the Twenty-Eighth Street surface cars pass the door. The Pennsylvania and Grand Central Stations are easily reached from this point, and the McAdoo Tunnels will carry you to the Lackawanna, Erie, or Pennsylvania Railroads.

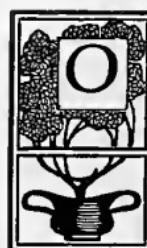
Orders left in the morning will be ready for you in the afternoon.

Our Telephone Number is  
**MADISON SQUARE, 5590**

Call us up at any time—to order or for garden information—and you will find courtesy and knowledge at the other end. Service will be our buy and sell word.

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## To Our Customers and Friends GREETINGS



UR Catalogue is not a "moving picture exhibition"—but a list of Seeds, Bulbs, Plants, etc., the best procurable—"A Rose with any other name would smell as sweet"—we almost wrote "sell as sweet." So the cost of illustrating this Catalogue will be saved to *your advantage, for the higher quality of goods and service.*

In handing you this Catalogue, we do so with the sincere hope that we shall receive from you the same generous support and encouragement as in the past.

Our fixed policy will be to serve you well; but service will not be our only consideration—the quality of the Seeds, Bulbs, Plants, etc., supplied by us will be the best procurable, from reliable sources, true to name, color or description.

The combined life experience of our Mr. Harry A. Bunyard and Mr. Frank M. Duggan is cast into the business for your benefit, so that confidence in our stocks and methods will be sustained for many years to come.

The seed business is not a mythical business—it is a very practical business—a good deal of mystery is thrown around it—but, like all trades, it is one to be learned and perhaps is more complex than some. We might say that it is a business that is never learned, because there is always a new phase to it—perceived from any point. Our main idea is to keep good stocks of known quality and germination; no seedsman is so unwise as to send out seed of poor germination. The main trouble is that most amateur gardeners sow their seed too thickly or at unseasonable dates, or when weather conditions are not propitious.

Follow the cultural directions in this Catalogue (written by men of experience) and you will have success with our seeds.

As to Bulbs and other articles mentioned in this Catalogue, they have been selected with great care as to their all-around utility, the result of life-time experience in the seed trade. The list could be longer—containing more names and varieties—but it could not be more comprehensive, more practical or more satisfying, either from the professional or amateur standpoint; perhaps it is as perfect as the human equation is capable of, from an ultra-discerning judgment of the eternal fitness of matters horticulturally and Garden-wise.

# THE ACTIVE MEMBERS

**Harry A. Bunyard, President**  
**Frank M. Duggan, Vice-President**

*From Florists' Exchange*

## Harry A. Bunyard

Harry A. Bunyard, well known to the trade, has been associated for the past ten years with Arthur T. Boddington, seedsman, New York, as traveler and general manager, was born Jan. 3, 1868, at Ashford, Kent, England. His father, Thomas Bunyard, was one of the sons of the old established firm of Thomas Bunyard & Sons, Maidstone, Kent, nurserymen, seedsmen and florists.

Harry was truly born and raised in the nursery business, and the house where he first saw the light of day was in the Ashford Nursery, at that time a branch of the Maidstone concern. He received a common and grammar school education and at 14 years of age was apprenticed in his father's business, going thence to Sanders & Sons, at St. Albans, spending considerable time in the seed and orchid departments.

In the Royal Horticultural Society's gardens at Chiswick, London, he studied and worked under Archibald Barron and, during that time, was foreman of the orchid and herbaceous departments. Returning to his father's nurseries he worked in the seed and bulb department till he came to America.

It was in the year 1888 that he arrived in New York, securing his first position with Peter Henderson & Co., working at their greenhouses in Jersey City; the following year he took a position with Pitcher & Manda as herbaceous foreman, going on the road in the Fall, becoming their first traveling man and remaining with them to their dissolution. Mr. Bunyard was the first man to sell Orchids west of Chicago, and can tell many anecdotes of his experience along these lines; later, he traveled for Clucas & Boddington Co., then again for Arthur T. Boddington.

Mr. Bunyard is a well-known figure at the Society of American Florists and Ornamental Horticulturists' conventions, attending the first one in Buffalo in 1889, and practically every one since that time, and is a life member of the society. He was New York State vice-president in 1910 and a director in 1911, 1912 and 1913. He is secretary of the American Sweet Pea Society, which he organized in 1909, and president of the \*New York Florists' Club (1915), and is an active member in many other horticultural and floricultural societies.

Mr. Bunyard believes that a man's business should be his hobby and that he should endeavor to educate himself along those lines; he is also a great believer in honest advertising, the best advertisement of all, in his opinion, being the pleased customer. Flower shows and exhibitions also interest Mr. Bunyard, and he has taken a prominent part in those held in New York and elsewhere, and considers them one of the greatest assets of the trade.

### \*The New York Florists' Club

(Not a social organization, as commonly understood, but a society to promote horticulture). This club has been foremost in giving flower shows in New York City for the past twenty-five years.

## Frank M. Duggan

Frank M. Duggan was born in the beautiful and historic city of Cork, Ireland, and served his apprenticeship with the well-known seed firm of Mackenzie & Sons, Ltd. He came to this country in 1888 and was immediately employed by the Bridgeman Seed Warehouse, where he remained for 24 years. At the dissolution of this firm he went in business on his own account at 42 West 28th St., where he established himself in the seed business and was there until the formation of the Harry A. Bunyard Company of which he is now the vice-president. Mr. Duggan has a thorough knowledge of the seed, bulb and plant business and has a large clientele of friends and acquaintances who are interested in horticulture, and will prove to be a practical and forceful acquisition to our concern.

# Bunyard's Flower Seed Novelties and Specialties

FOR 1916.

## BUNYARD'S REAL RED SUNFLOWER

(*Helianthus, or Tithonia Speciosua*)

*Read what A. J. Loveless says about it in the May Garden Magazine.*

**"A Tall, Brilliant Red, Annual Sunflower"**

"Tithonia speciosa, a native of Mexico, although known since 1833, appears to have been almost forgotten until recently a desire for something new has once more brought it into prominence and deservedly so, for it is certainly a charming annual well worthy of notice. It is sometimes catalogued as *Helianthus speciosus*, being closely related to that family, but the foliage is covered with soft, downy hairs, and feels like the richest velvet, being most pleasing to the touch, entirely different to the harsh foliage of the *Helianthus*.

"Its beautiful, rich, orange-vermilion flowers, three to four inches across, like a glorified *Cosmos*, are unique, and last a long time on the plant and also when cut.

"Seed sown in March flowers in September in 3-inch pots; but not being satisfied with these results, I sowed seed as usual the following season, and planted out in June. The plants grew vigorously and by September were perfect specimens, about six feet in height and four feet in diameter at the base, and were covered with flowers until frost.

"A poor soil would probably bring them into flower earlier, but where frost is not an early visitor liberal treatment would assuredly bring its reward. It is certainly worth a trial, and isolated specimens in the herbaceous border, would be attractive among yellows or reds."—*Alfred J. Loveless*.

We grew this Sunflower in our trial grounds during the Summer of 1915, and it is all that Mr. Loveless claims. It is also remarkably floriferous and lasts well when cut, in water. It can hardly be called a novelty, but strange to say, it has only been grown in one or two places, to our knowledge. In Europe, like the *Cosmos*, it is usually cut down by early frosts, while here, where the *Cosmos* grows and flowers, it will be found a fine addition to the Fall-flowering annuals. We have been able to secure a large quantity of seed, so can offer it at popular price, viz.: Pkt. 25c., 5 for \$1.00,  $\frac{1}{16}$  oz. \$1.50.

### *Announcement*

Should you kindly favor us with an order, you may use this catalogue as an order sheet, mailing it in the enclosed return envelope, paying first-class postage thereon to the amount of 10c., and which you may deduct from your remittance (if the order amounts to 50c. or more), in which case we will send you a new catalogue with your order.

Write in the front margin the quantity before each article required, and upon the outer margin the amount. This will facilitate your making the order and will help us to fill it for you promptly, and with the least possible chance of error. If you cannot do it today, file for future reference.

Thanking you in anticipation. Yours faithfully,

HARRY A. BUNYARD,  
*President.*

# BUNYARD'S INVINCIBLE SWEET PEAS

*Sweet Peas Our Specialty*

**Remember the American Sweet Pea Society's Annual Exhibitions at Philadelphia, New York, San Francisco, Bar Harbor, etc. Schedules and information upon application**

Are you a member of the American Sweet Pea Society? If not you should send for an application blank; the annual dues are \$2.00, life membership \$25.00. By becoming a member you are entitled to the reports of the Sweet Pea trials of Cornell University, Ithaca, N. Y. These tests, are under the supervision of Prof. Beal. The society will also publish in 1916 "The Sweet Pea Oracle." For further information write to the Secretary, Harry A. Bunyard, 40 West 28th St., New York City.

## NOVELTY SWEET PEAS FOR 1916

**FIERY CROSS** is a most appropriate name for a most unusual novelty. During the seventeenth and eighteenth centuries, when Scotland was continually at war, the method employed by the chiefs to gather the clans to repel invaders was by means of a fiery cross, which was taken from hamlet to hamlet by the speediest man available. The fiery cross was simply a blazing pine branch.

Fiery Cross has all the appearance of live fire, the color being a scorching, fire red, or scarlet, without any shading, and which scintillates and glitters in bright sunlight, thus adding a glowing, fire-like sheen which radiates over the flower. Unlike most of the orange-scarlet varieties, it does not scorch or burn even during extended periods of intense sunshine, therefore, it can be grown in all soils without shading. The beautiful, waxed and fluted flowers are borne freely in threes and fours, well placed on long, stout stems.

Fiery Cross was recommended for the Silver Medal variety of National Sweet Pea Society of England, July, 1914, which was awarded July, 1915. It received an award of merit at the exhibition held by the American Sweet Pea Society at the San Francisco Fair, June 10th, 1915, as being the outstanding variety in the show. Also certificate of merit at the Sweet Pea Exhibition of the Pennsylvania Horticultural Society, June 23d, 1915; and Silver Medal at the Seventh Exhibition of the American Sweet Pea Society, Newport, R. I., July 15th, 1915.  
**Pkt. 25c., 5 for \$1.00.**

**THE PRESIDENT.** This will compete with Fiery Cross as the greatest novelty of the year. It is wonderfully brilliant, in fact, it might be termed a glowing scarlet self. The flowers are of largest size, carried on strong, stiff stems, usually in fours, always beautifully waved. Awarded Certificate of Merit for the President by the Pennsylvania Horticultural Society, June 23, 1915; also by the American Sweet Pea Society at Newport, R. I., July 15, 1915. **Pkt. 25c., 5 for \$1.00.**

**HILARY CHRISTIE.** "Standard salmon orange edged with fiery scarlet; wings rosy salmon; most decorative, strong grower, good size and form." This terse description will give as good an idea of the beauty of Hilary Christie as if we should write many more words. **Pkt. 20c., 6 for \$1.00.**

## NOVELTY SWEET PEAS—Continued

**BLUE GEM.** For many years the aim of the Sweet Pea lover has been to get a variety of a true, clear blue color, free from reddish-mauve tint so common in the standards of other existing blue varieties. This new variety we claim to be almost, if not quite, free from this. A beautiful, clear mid-blue. The flowers are of great size, true Spencer form, throwing fours freely. The plant is of strong constitution, and free flowering. Pkt. 25c., 5 for \$1.00.

**THE LADY EVELINE** (Malcolm). A grand new rosy mauve Sweet Pea; for all purposes ideal. It is bound to be the mauve of the show bench. Its great size and lovely color are enhanced by the perfect placing of the flowers, which are duplex in character. Pkt. 35c., 3 for \$1.00.

**LORD FISHER** (Holmes). A rich, red maroon, without a tinge of purple shade in wings or keel. A strong grower, giving four flowers to a stem, well placed and of full exhibition size. Distinct from any variety in commerce. Pkt. 35c., 3 for \$1.00.

**JEAN IRELAND** (Dobbie). A large flower of great refinement. The color is creamy buff, the fine broad standard and wings being beautifully edged and shaded with carmine rose. The variety will certainly take first place in the picotee-edged (cream ground) section. It is a fine, free grower, and gives abundance of four-bloom sprays fitted for the keenest competition or the most artistic table decoration. Pkt. 35c., 3 for \$1.00.

**CONSTANCE ACOMB** (Holmes). Creamy white, suffused delicate mauve, with buds opening deep cream and wire-edged mauve. A strong grower, with long, stout stems, carrying four well-placed flowers, much waved and very effective in the bunch. Pkt. 25c., 5 for \$1.00.

**MRS. E. A. TANQUERAY.** Beautiful salmon cerise, very brilliant color, sunproof and quite distinct. The flowers are large, and produce many with four blooms to a stem. Pkt. 25c., 5 for \$1.00.

**WHITE PERFECTION.** An extra large white, of good substance, strong grower, flowers exceptionally waved. Throws fours freely, and in some cases five and six flowers to a stem; a really good white variety. Pkt. 25c., 5 for \$1.00.

**ALFRED WATKINS.** A pure, clear, clean lavender, raised by Mr. Malcolm. Distinct from all others. When this becomes distributed we are sure it will supersede all other pale lavenders, as it has size to recommend it. True Spencer type. Pkt. 25c., 5 for \$1.00.

**EDWARD COWDY.** A glowing orange scarlet, of the largest size, producing four flowers to a stem, well waved and of fine form, with a broader and better standard than others of a similar color. Pkt. 35c., 3 for \$1.00.

Collection, 1 pkt. each 12 varieties for \$3.00. Four collections for \$10.00.

## NOVELTY SPENCER SWEET PEAS OF 1915

**Boadicea.** A giant opal pink, delicately suffused pale Cattleya-mauve. The flowers are of great size and substance, and beautifully waved. A gem for exhibition. Pkt. 30c., 4 pkts. \$1.00.

**Dobbie's Frilled Pink.** A duplex form of Countess Spencer at its best. Pkt. 25c., 5 pkts. \$1.00.

**Don Alvar.** Don Alvar is acknowledged by experts to be the best lavender yet seen. Pkt. 30c., 4 pkts. \$1.00.

**Helen Pierce Spencer.** The ground color is white, marbled and penciled with bright blue in thin lines on both wings and standard. Pkt. 25c., 5 pkts. \$1.00.

**Montesuma.** The flowers are a more pleasing color, being striped with reddish maroon, the base of the standard showing a touch of orange. Pkt. 30c., 4 pkts. \$1.00.

**New Margaret Madison.** Color is dainty and pretty, and is as near a true lavender as one could wish. Pkt. 15c., 5 pkts. \$1.00; oz. 75c.,  $\frac{1}{4}$  lb. \$2.50.

**NOVELTY SPENCER SWEET PEAS—Continued**

**Norvic.** This is one of the largest-flowered and best strains of White Spencer Sweet Pea yet introduced. The blooms, which are of extraordinary size, are exceptionally well waved. Pkt. 20c., 6 pkts. \$1.00.

**Orangeman.** Color a rich, deep orange, beautifully waved. Pkt. 20c., 6 pkts. \$1.00.

**Rosina.** The standard and wings are a bright, rosy heliotrope, with a distinct wire-edge of solferino red on a cream ground. Rosina was the leading novelty that helped to win the Silver Cup for new varieties at the National Sweet Pea Society 1913 Show. Pkt. 30c., 4 pkts. \$1.00.

**Veiled Bride.** The ground color is white, daintily flaked and marbled with soft rose pink. The wings and standard are alike colored. Pkt. 25c., 5 pkts. \$1.00.

**Collection of 1 pkt. each of above 10 varieties, \$2.00; 3 collections, 30 pkts. \$5.00.**

**THE EXHIBITION COLLECTION**

Mr. William Gray, president of the American Sweet Pea Society, says the following varieties of Sweet Peas are what he considers the best for exhibition purposes, in their respective colors:

**Charles Foster.** Pale blush pink, flushed lavender, of Spencer form. Pkt. 25c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**Constance Hinton.** Black seeded, white; very large flower. Pkt. 25c., oz. \$1.25,  $\frac{1}{4}$  lb. \$4.00.

**Dobbies' Cream.** Fine, large primrose. Pkt. 15c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**Edith Taylor.** Fine salmon rose self. Pkt. 25c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**Elfrida Pearson.** Pink, tinged salmon on standards. Pkt. 20c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Elsie Herbert.** Large, creamy white standard, pink picotee. Pkt. 25c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**Fiery Cross.** Intense, fiery scarlet. Pkt. 25c., 5 pkts. \$1.00.

**Hercules.** Pale rosy pink, of great size and substance. Pkt. 25c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.50.

**Illuminator.** Warm salmon orange, overlaid with rich, bright cerise pink. Pkt. 25c., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.00.

**Jessie Cuthbertson.** Pale buff, striped with rosy magenta, three and often four flowers on a stem. A very distinct and charming variety. Pkt. 25c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**John Ingman.** Selected stock, rich salmon rose with wavy standards; very large and of good substance. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**King Manoel.** Rich, deep maroon; very large. Pkt. 25c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.50.

**Lavender George Herbert (Dobbies').** Large-flowered lavender. Pkt. 25c., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.00.

**Loyalty.** Violet flake on white ground. Pkt. 20c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Margaret Atlee.** Duplex salmon pink, suffused on cream ground. Pkt. 25c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**Marks Tey.** Standard rich rosy maroon, wings bluish mauve. Pkt. 25c., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.00.

**Maud Holmes.** Crimson Spencer. Pkt. 25c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**Mrs. C. W. Breadmore.** Rich cream, shading to yellow, edged terra cotta pink; very large flower, Spencer form. Pkt. 20c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Mrs. Cuthbertson.** Standard bright pink, wings white. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Mrs. Geo. Charles.** Dark blue, waved. Pkt. 25c., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.00.

**Mrs. Routzahn Spencer.** Apricot suffused pink. Pkt. 20c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**SWEET PEAS, EXHIBITION COLLECTION—Continued**

- New Marquis.** Bright purplish mauve. Pkt. 35c., oz. \$1.50,  
 $\frac{1}{4}$  lb. \$5.00.
- New Miriam Beaver.** Soft salmon pink on cream. Pkt. 35c.,  
 oz. \$2.00,  $\frac{1}{4}$  lb. \$7.50.
- Princess Mary.** Pale blue. Pkt. 35c., oz. \$2.00,  $\frac{1}{4}$  lb. \$7.50.
- R. F. Felton.** Lilac standard, French grey wings. Pkt. 35c.,  
 oz. \$1.50,  $\frac{1}{4}$  lb. \$5.00.
- Robert Sydenham.** Rich orange self. Pkt. 25c., oz. 75c.,  
 $\frac{1}{4}$  lb. \$2.50.
- Rosabelle.** Fine, light rose Spencer. Pkt. 25c., oz. 75c.,  $\frac{1}{4}$  lb.  
 \$2.00.
- Royal Purple.** Fine purple; distinct. Pkt. 35c., oz. \$1.50,  
 $\frac{1}{4}$  lb. \$5.00.
- Thomas Stevenson.** Very fine orange scarlet. Pkt. 25c.,  
 oz. \$1.00,  $\frac{1}{4}$  lb. \$3.00.
- Wedgwood.** A lovely self blue. Pkt. 25c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.
- One pkt. each of the above 30 varieties for \$7.50. Three collections (90 pkts.) for \$20.00. (Pkts. average about 25 seeds each).**

**GIGANTIC ORCHID-FLOWERING SPENCER SWEET PEAS****LIST OF POPULAR VARIETIES**

The Spencer varieties of Sweet Peas have superseded the Grandiflora types of the same variety and color, and are indispensable in a collection whether for exhibition or decorative purposes. The following list is the cream of the beautiful creations of the hybridizer's art, and can be relied upon to come true to type and description.

**America Spencer.** A grand flower, like America, but of the Countess Spencer type, and very large. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Apple Blossom Spencer.** Petals are waved and crinkled to a remarkable degree, with distinct serrations on edges of standard. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Arthur Green.** A light purple maroon of waved or Spencer form. A new, distinct shade. Pkt. 25c., 5 pkts. \$1.00.

**Asta Ohn Spencer.** Lavender, suffused or tinted with mauve. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Aurora Spencer.** The ground color of the flower is cream white, flaked and mottled rich orange salmon. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Beatrice Spencer.** The ground is white, tinted with soft pink and buff on the standard, while each wing has a blotch of brighter pink near the base; most delicate and dainty. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Bertrand Deal, Improved.** Pale rosy lilac; of immense size; flowers are of fine form and beautifully waved and crinkled on the edges. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Blanche Ferry Spencer.** Pale rosy standard; white wings. Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.25.

**Captain of the Blues Spencer.** Standard purple, wings bright blue. Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Clara Curtis.** Deep cream. Pkt. 25c., 5 pkts. \$1.00, oz. \$1.00.

**Countess Spencer.** Bright, clear pink, showing a little deeper at the edges. The form is open and the margins of the petals are wavy. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Dainty Spencer.** In a bud state it looks like a pale primrose self; when opening, first appears to be white, but quickly changes to white with a pink edge, more defined at the back, making a most charming contrast and quite a new departure. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Decorator.** The color is rich rose, overlaid with terra cotta, intensified to deep, bright orange at base of wings. Pkt. 20c., 6 pkts. \$1.00.

**Doris Usher.** Salmon pink on cream ground; a pleasing combination of color. Pkt. 25c., 5 pkts. \$1.00.

**ORCHID-FLOWERING SPENCER SWEET PEAS—Continued**

**Duplex Spencer.** In color, both the standard and wings are a rich cream pink. Pkt. 25c., 5 pkts. \$1.00.

**Earl Spencer.** Large; beautiful orange or salmon-orange self, of Spencer type. Brilliant under artificial light. Pkt. 15c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.50.

**Etta Dyke.** Pure white, large, bold flower. Pkt. 15c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.50.

**Flora Norton Spencer.** Bright blue, with a little tint of purple, perhaps a little more than in the original Flora Norton. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Florence Morse Spencer.** Delicate blush, with pink margin. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Florence Nightingale.** The color is most charmingly soft and yet rich lavender, which is enlivened by a very faint sheen of rose pink. Pkt. 15c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.50.

**King Edward Spencer.** The nearest approach in color (crimson) to the popular King Edward VII in the waved or Spencer type. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**King White.** A perfect white Spencer. Pkt. 25c., 5 pkts. \$1.00.

**Lovely Spencer.** Bright pink at the throat, or rather the base of both standard and wings, and shades to soft blush and almost white at the edges. Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**Loyalty.** Royal blue flakes on white ground. Pkt. 20c., 6 pkts. \$1.00.

**Marie Corelli.** Flowers are brilliant rose carmine or red. Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**Martha Washington.** A beautiful white, with standard stained pink. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Masterpiece.** Color is a rich lavender. Pkt. 15c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.50.

**Maud Holmes.** *Sunproof Crimson Spencer.* Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**Mrs. Hugh Dickson.** A cream-pink Spencer on buff ground; very fine form; flowers well placed on long stems. An excellent variety for exhibition, and should be in every collection. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Nubian.** Deep chocolate self; one of the best. Placed at the top of the maroon section by the N. S. P. S. for two years in succession. Pkt. 25c., 5 pkts. \$1.00.

**Othello Spencer.** A rich, deep maroon. Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**Paradise.** Practically the same as Countess Spencer, perhaps a trifle deeper pink. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**Primrose Spencer.** The color is a pronounced primrose or creamy yellow. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Queen Alexandra Spencer.** One of the best of the self-colored crimson scarlets. Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**Scarlet Emperor.** A giant in size and sunproof, bright scarlet, the best of its color. Pkt. 25c., 5 pkts. \$1.00.

**Vermilion Brilliant.** The most brilliant, iridescent scarlet Spencer yet produced. Pkt. 25c., oz. \$1.50,  $\frac{1}{4}$  lb. \$5.00.

**White Spencer (Improved).** Produces in the greatest profusion flowers of enormous size that are absolutely pure white. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

### COLLECTIONS (Our selection)

One pkt. each of the best 35 Spencer varieties for.....	\$5.00
One pkt. each of the best 25 Spencer varieties for.....	3.75
One pkt. each of the best 12 Spencer varieties for.....	2.00
One oz. each of 30 selected Spencer varieties for.....	12.00
One oz. each of 12 selected Spencer varieties for.....	5.00

## BUNYARD'S INVINCIBLE MIXTURES OF SWEET PEAS

### Bunyard's Invincible Mixture of Spencer or Orchid-Flowering Sweet Peas

This mixture contains an equal proportion of colors of the Spencer varieties, and is one of the most superb combinations ever offered. Customers who are at a loss what varieties to buy will find this mixture a most satisfactory way to have the "E pluribus unum" of this lovely flower. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$3.00.

Grandiflora varieties or mixture we have now discarded for the Spencer types.

## NOVELTY FLOWER SEEDS

### BUNYARD'S SUN-RAY SUNFLOWER

This is one of the oddest and most peculiar novelties of the season. It has always been the idea and ambition of the hybridist to introduce other colors into this large family of compositæ, but without much success. Today we have several forms of this decorative and useful flower and we have been successful in securing a small quantity of seed of one of the best types of the so-called red Sunflower and are disseminating it under the name of Sun-Ray.

The plants of Sun-Ray are of the true *Helianthus annuus* type, and are a most stately and impressive subject for tall borders. As a plant, or grouped in the foreground of shrubberies, it is particularly telling. The plant is of freely branching habit, producing numerous well-shaped, dark-centered, brilliant flowers, banded with bright chestnut-red, mostly merging to yellow at the tips of the petals. The smaller and medium-sized flowers, when cut with long stems, make a magnificent decoration in large vases, and are unusually most effective under artificial light. Height 6 feet. Every amateur should try a packet of this seed, if you are looking for a satisfactory plant for your garden, something showy and easy to grow, and make your neighbors sit up and take notice. Seed of Sun-Ray is sown and plants handled in the same way as the common Sunflower. Pkt. 15c., 2 for 25c.

### ANTIRRHINUM MAJUS GRANDIFLORUM CERISE KING

Cerise pink, white throat and white lip, flowers very large, borne on fine, robust spikes; very showy and attractive. Pkt. 25c., 5 for \$1.00.

### ANTIRRHINUM MAJUS GRANDIFLORUM PINK BEAUTY

A deep rose pink self, enormous spikes of flowers, individual blooms; exceptionally large; a most vigorous grower. Pkt. 25c., 5 for \$1.00.

### ANTIRRHINUM MAJUS, NELROSE

Flowers silvery pink; recommended for culture under glass for Winter flowering; produces stems a yard long; invaluable for cutting and the flowers stand well in water. Pkt. 30c., 4 pkts. \$1.00.

### ANTIRRHINUM, TALL, DOUBLE, YELLOW

This variety bears flowers of a brilliant canary yellow. Mostly double, of large size, on long, strong stems. Pkt. 20c., 3 pkts. 50c.

### ANTIRRHINUM, GIANT SILVER PINK

This remarkable Snapdragon was the object of much praise at the recent International Horticultural Exhibition, held in New York City. Its name describes it. Sold only in originator's packets. Pkt. \$1.00, 3 pkts. \$2.75.

**NOVELTY FLOWER SEEDS—Continued****ANTIRRHINUM MAJUS GRANDIFLORUM  
VENUS**

A delicate pink tint has hitherto been wanting among the tall, large-flowered Snapdragons, and this is just the color most in demand at the present time for cutting and making it up. Pkt. 20c., 3 pkts. 50c.

**ANTIRRHINUM, GIANT PURPLE KING**

With its immense, deep glowing, purple flowers, this splendid Snapdragon will doubtless become the pioneer of a new giant class; of very decorative value, and royal in its decorative effect. Pkt. 20c., 3 pkts. 50c.

**THE YELLOW ASTER**

**Golden Ball.** Canary yellow. Plant of globular habit of growth, 2 to 2½ feet in height. Flower heads of the size of the well-known Giant Comet Aster, sometimes 5 inches across; the border of beautifully curled, recurved, strap-shaped ray-florets of pure white color; the large center of peculiarly recurved and incurved quilled disc florets of deep yellow color. Pkt. 15c., 2 pkts. 25c.

**AGERATUM, SCARLET GEM**

Plant very dwarf, with small foliage; flowers pale rose, with dark rose center. Pkt. 25c., 5 pkts. \$1.00.

**ANCHUSA, ANNUAL (Summer Myosotis)**

The flowers of this charming annual resemble in color the Anchusa Dropmore Variety, being of a clear, mid-blue, with a prominent white center, much resembling the Forget-Me-Not. Useful for cutting. Plants grow to a height of about 18 inches. Very free flowering. Pkt. 25c., 5 pkts. \$1.00.

**CYCLAMEN, CHERRY RIPE**

This variety is the nearest approach to scarlet among all the Cyclamen. It is an English variety and is grown there largely for Christmas flowering. Pkt., 10 seeds, 50c.; 50 seeds \$2.25, 100 seeds \$4.00.

**CYCLAMEN, PINK PEARL**

A lovely pale salmon pink; the most free flowering of all. Pkt., 10 seeds, 25c., 50 seeds \$1.25, 100 seeds \$2.00.

**CYCLAMEN, SUNSET**

A most beautiful light salmon pink. 10 seeds 50c., 50 seeds \$2.25, 100 seeds \$4.00.

**CYCLAMEN, ST. GEORGE**

(The Silver-Leaf Cyclamen)

A variety with beautiful marbled foliage; flowers pale salmon, which contrast well with the foliage. Pkts. only, \$1.00.

**CYCLAMEN, MAJESTIC**

Flowers extra large, white, with blush base; free flowering. 10 seeds 25c., 50 seeds \$1.25, 100 seeds \$4.00.

**COSMOS, SLOCOMBE'S MIDSUMMER  
GIANTS**

This handsome novelty contains art shades of pink and pure white. If sown early will bloom continuously from August until cut down by frost. Flowers are of large size and come in great profusion, borne on long, strong stems; are fine for cutting, as they will last a long time in water. We strongly recommend this sterling novelty. Pkt. 15c., 2 pkts. 25c.

## NOVELTY FLOWER SEEDS—Continued

**DELPHINIUMS (Hardy Larkspurs)**  
**Gold Medal Hybrids**

(Seed saved from named varieties.)

The hardy Larkspurs are deservedly one of the most popular subjects in the perennial border, bold, attractive, and highly prepossessing plants of easiest culture; perfectly hardy. They will establish themselves in almost any garden soil, but respond quickly to liberal treatment.

We were fortunate in securing a small quantity of seed of the above varieties which were in their glory when we saw them in flower—spikes of flowers from blackest blue, with all intermediate shades to pure white.

The grower stated that the plants then in bloom had been grown from seed sown during January, February and March, and while it is generally supposed seeds of perennials should be sown in the Fall to flower the following year, many will flower *the same year*, if sown early and given liberal treatment.

Hardy Larkspurs commence to bloom about June 20th, and if old flower stems are cut away will continue to throw small spikes of flowers till frost. We can offer this seed with absolute confidence that it will contain many surprises, so be sure and add the variety to your list. Pkt. 25c., 5 pkts. \$1.00,  $\frac{1}{8}$  oz. \$1.50.

**DELPHINIUM, AZURE FAIRY (Annual)**

This variety, which is the result of several years' careful selection, is a very useful addition to the annual class of flowers. The plant, which grows to a height of about 12 inches, is covered with a profusion of blooms of a lovely, clear Cambridge blue. It resembles the original variety, Blue Butterfly, in every way but color, and will make an excellent pot or border plant. Pkt. 25c., 5 pkts. \$1.00.

**DELPHINIUM, BLUE BUTTERFLY, IMPROVED**

This charming, rich, blue annual, although popular for some years, has lacked one quality, viz.: size of flower. To remedy this, we have been selecting and improving it since it was first introduced, and in this new selection our customers will find a great improvement both in size and color and habit of plant. Pkt. 25c., 5 pkts. \$1.00.

**NIGELLA, MISS JEKYLL, PURE WHITE**

Quite a new departure, the well-known Miss Jekyll Nigella is pure white, which stands out bold against the green foliage and is a pretty contrast to the sky-blue of the original variety. A valuable addition to the annual border; most decorative for parlor and florist alike. Pkt. 25c., 5 pkts. \$1.00.

**PETUNIA, FLUFFY RUFFLES**

A grand fringed type of single Petunias. Flowers enormous and of tremendous range of color. Pkt. \$1.00.  $\frac{1}{2}$  pkt. 60c.

**PENTSTEMON, GRANDIFLORUM EXCELSIOR MIXED**

After several years' constant and rigorous selection for size and color, we are pleased to be able to offer a really grand strain of this lovely florists' flower. The blooms are of great size, almost as large as a Gloxinia and range in color from white to the deepest scarlet. We have every confidence in recommending this grand strain as something exceptional. Pkt. 35c., 3 pkts. \$1.00.

**PRIMULA, MALACOIDES SUPERBA**

A new and improved variety; flowers larger and much deeper in color than the old Malacoides. The color is deep, rosy pink, a great improvement. The habit of the plant is also better than the old variety. A first-class plant for decoration during Winter. Pkt. 50c.

**ZINNIA, DOUBLE GIANTS**(Z. *grandiflora robusta plenissima*). H. A.

The following are truly Giant Zinnias, with beautiful, large, double flowers. 4 $\frac{1}{2}$  to 6 inches in diameter.

	Pkt. 3 pkts.	Pkt. 3 pkts.
Sulphur Yellow.....	\$0.15	\$0.40
Flesh Color.....	.15	.40
Crimson.....	.15	.40
Violet.....	.15	.40

Collection, 1 pkt. each of the 8 varieties, \$1.00.

# HARDY ANNUALS

## For the Busy Lady

The following list of flower seeds is compiled for the lady who has perhaps neither the time nor the knowledge to make the selection required or to carry out an idea she has in mind, a color scheme, to cover a porch or unsightly fence, to have flowers in the early, mid or late Summer. The following are all easy to grow and have been selected by a practical gardener.

### Climbers

	For Description See Body of Catalogue
* <b>Cardinal Climber</b>	
* <b>Cobaea Scandens</b>	
* <b>Cypress Vine</b>	
<b>Dolichos Lablab</b>	
<b>Eschinoecystis</b> (Wild Cucumber)	
<b>Ipomoea</b> (Morning Glories)	
* <b>Kenilworth Ivy</b>	
* <b>Mina Lobata</b>	
<b>Nasturtiums, Tall</b>	
<b>Ornamental Gourds</b>	
<b>Scarlet Runners</b>	
<b>Tropaeolum</b> (Canary Vine)	

\* Are better started early in a sunny window or under glass.

Hardy Annuals	Height	Time of Flowering	For Full Description and Prices See Page
<b>BLUE SHADES</b>			
* <b>Asters</b> (in variety).....	2 to 3	Summer Mid-late	15 to 18
<b>Centaurea:</b>			
Emperor William.....	2	Early-late	20, 21
Double Blue.....	2	Early-late	
<b>Larkspur</b> .....	3	Mid	27
<b>Nigella</b> , Miss Jekyll.....	2	Mid	30
† <b>Scabious</b> , The Fairy.....	3	Mid-late	34
<b>Phlox</b> .....	½	All	31
† <b>Ten Weeks Stocks</b> .....	1	Mid	34
† <b>Bismarck Stocks</b> , etc.....	1½	Mid	35
* <b>Verbena</b> .....	½	All	36
* <b>Whitavia</b> .....	1	Mid-late	37
<b>WHITE SHADES</b>			
† <b>Alyssum</b> .....	½	All	14
* <b>Antirrhinum</b> .....	3	Mid-late	15
† <b>Asters</b> .....	2 to 3	Mid-late	15 to 18
* <b>Balsam</b> .....	2	Early-late	18
† <b>Candytuft</b> .....	1	All	20
† <b>Centaurea</b> .....	2	All	20, 21
* <b>Cosmos</b> .....	6	Late	21
† <b>Dianthus</b> .....	1½	All	22
<b>Larkspur</b> .....	3	Mid-late	27
*† <b>Nicotiana</b> .....	4	Mid-late	29
<b>Nigella</b> .....	2	Early-mid	30
*† <b>Petunias</b> .....	1	All	31
<b>Phlox Drummondii</b> .....	1	All	31
<b>Poppies</b> .....	2 to 3	All	32
† <b>Scabious</b> .....	3	Mid-late	34
*† <b>Stocks</b> .....	2	Mid	34, 35
* <b>Verbenas</b> .....	½	All	36
* <b>Vinca</b> .....	1½	All	36
<b>RED SHADES</b>			
* <b>Antirrhinums</b> .....	3	Mid-late	15
*† <b>Asters</b> .....	2 to 3	Mid-late	15 to 18
* <b>Balsams</b> .....	2	Early-late	18
<b>Calliopsis</b> .....	2	All	19
* <b>Celosia</b> .....	3 to 4	Late	20
* <b>Cosmos</b> .....	5 to 6	Late	21
† <b>Dianthus</b> .....	1½	All	22
<b>Eschscholtzia</b> .....	1	All	23
<b>Gaillardia</b> .....	1½	Mid-late	23
<b>Nasturtiums</b> (dwarf).....	1	All	29

Hardy Annuals	Height	Time of Flowering	For Full Description and Prices See Page
<b>RED SHADES—Continued</b>	<i>Feet</i>	<i>Summer</i>	
<b>Poppies</b> .....	2 to 3	All	32
† <b>Salpiglossis</b> .....	3 to 4	Mid-late	33
† <b>Scabious</b> .....	3	Mid-late	34
*† <b>Stocks</b> .....	2	Mid-late	34, 35
*† <b>Sweet William</b> (Annual).....	1	Mid-late	35
* <b>Salvia</b> .....	3	Mid-late	34
* <b>Verbena</b> .....	½	All	36
* <b>Zinnias</b> .....	2½	Mid-late	37, 38
<b>YELLOW SHADES</b>			
* <b>Antirrhinum</b> .....	3	Mid-late	15
*† <b>Asters</b> .....	2 to 3	Mid-late	15 to 18
* <b>Balsam</b> .....	2	Early-late	18
<b>Calliopsis</b> .....	2	All	19
<b>Calendula</b> .....	2	All	20
* <b>Celosia</b> .....	3 to 4	Late	20
<b>Eschscholtzia</b> .....	1	All	23
<b>Gaillardia</b> .....	1½	Mid-late	23
<b>Helianthus</b> .....	6	Mid-late	24, 25
<b>Marigolds</b> .....	3	Mid-late	27, 28
<b>Nasturtium</b> (Dwarf).....	1	All	29
*† <b>Phlox Drummondii</b> .....	1	All	31
*† <b>Salpiglossis</b> .....	3 to 4	Mid-late	33
*† <b>Stocks</b> .....	2	Mid	34, 35
* <b>Zinnias</b> .....	2½	Mid-late	37, 38
<b>PINK SHADES</b>			
* <b>Antirrhinums</b> .....	3	Mid-late	15
*† <b>Asters</b> .....	2 to 3	Mid-late	15 to 18
* <b>Balsam</b> .....	2	Early-late	18
† <b>Candytuft</b> .....	1	All	20
* <b>Celosia</b> .....	2 to 3	Late	20
* <b>Cosmos</b> .....	5 to 6	Late	21
† <b>Dianthus</b> .....	1	All	22
<b>Larkspur</b> .....	3	Mid-late	27
*† <b>Nicotiana</b> .....	4	Mid-late	29
*† <b>Petunias</b> .....	1	All	31
<b>Phlox</b> .....	1	All	31
<b>Poppies</b> .....	2 to 3	All	32
† <b>Scabious</b> .....	3	Mid-late	34
*† <b>Stocks</b> .....	2	Mid	34, 35
* <b>Verbenas</b> .....	½	All	36
* <b>Vinca</b> .....	1½	All	36
* <b>Zinnias</b> .....	2½	Mid-late	37, 38
<b>Brown, Orange and Odd Shades</b>			
* <b>Antirrhinums</b> .....	3	Mid-late	15
<b>Calliopsis</b> .....	2	All	19
<b>Marigolds</b> .....	3	Mid-late	27, 28
† <b>Mignonette</b> .....	2	All	28
<b>Nasturtiums</b> .....	1	All	29
<b>Portulaca</b> .....	½	All	31
† <b>Salpiglossis</b> .....	3	Mid-late	33
<b>Tagetes</b> .....	1	Mid-late	36
*† <b>Wallflower</b> .....	2	Mid-late	37
* <b>Zinnias</b> .....	2½	Mid-late	37, 38
<b>Foliage Plants (Annual)</b>			
<b>Amaranthus</b> .....	4	All	14
<b>Kochia</b> .....	3	All	26
* <b>Ricinus</b> .....	6 to 8	All	33
<b>Zea</b> .....	6 to 8	All	37
<b>EVERLASTINGS (Strawflowers)</b>			
<b>Acroclinium</b> .....	2½	Mid-late	15
<b>Globe Amaranth</b> .....	3	Mid-late	24
<b>Helichrysum</b> .....	2½	Mid-late	24
<b>Xeranthemum</b> .....	2½	Mid-late	37

Many hardy annuals, if cut down just before they go to seed, will make a new growth and flower again until frost arrives.

Those marked with a \* may be started in a sunny window, frame or greenhouse, ready for planting, about May 1st, according to latitude. The balance may be sown in the open about May 15th.

† Are sweet-scented varieties.

# General List of BUNYARD'S INVINCIBLE HARDY ANNUAL FLOWER SEEDS



The following, with few exceptions, are Hardy Annuals. Our list of Hardy Perennial Flower Seeds follows this list. See Pages 42 to 47

### AGERATUM MEXICANUM

	Pkt.	Oz.
Album. White.....	\$0.10	\$0.50
Dwarf Blue.....	.10	.50
Dwarf White.....	.10	.60
Blue Perfection. Very fine dwarf.....	.10	1.00
Little Blue Star. A handsome, variety, different from all other Tom Thumb sorts. The tiny bushy plants do not exceed 4 or 5 inches in height, with clusters of flowers of light blue, with dark red center, changing to pure light blue.....	.25	
Little Dorrit. This variety forms perfect little bushes 4 inches in height. Very free flowering. Fine for edging or carpet beds.....	.10	1.00
Mauve Beauty. Large mauve flowers; dwarf, compact, very free-flowering. A unique variety.	.10	1.00
Swanley Blue. 1 foot.....	.10	.75
Mixed.....	.05	.50

### ALYSSUM

	Pkt.	Oz.
Benthami. Sweet Alyssum. Fragrant, white flowers.....	$\frac{1}{4}$ lb. \$1.00	\$0.05 \$0.30
Maritimum, Little Gem. Pretty trailer.....	.10	1.00
procumbens, Carpet of Snow.....	.10	1.00
White Gem. A grand improvement on Little Gem, being much more compact; grand for carpet-bedding.....	.25	1.50

### AMARANTHUS

	Pkt.	Oz.
Caudatus. Lore-Lies-Bleeding. 3 feet.....	\$0.05	\$0.25
Cruentus. Prince's Feather. 2 feet.....	.05	.25
Melancholicus ruber. 2 feet. Blood red.....	.05	.50
Salicifolius. Fountain Plant. 4 to 6 feet. Willow-shaped leaves, marked with orange carmine and bronze.....	.05	.40
Tricolor aurora. Red, yellow and dark green, with a large, brilliant red head.....	.10	.50
Tricolor Marmoratas. Marbled carmine on green and lemon ground. Most attractive.....	.10	.60
Tricolor splendens. Joseph's Coat. 2 feet.....	.05	.50
Mixed. All varieties.....	.05	.25

### ARCTOTIS

	Pkt.	Oz.
Grandis. 2 feet. Large, pearly white Marguerite-like flower, with delicate mauve center, surrounded by a narrow golden band. The plant is covered with white down, and produces a striking effect in the border.....	\$0.10	\$0.50

**ACROCLINIUM**

	Beautiful; everlasting	Pkt.	Oz.
Album flore pleno.	Double white.....	\$0.05	\$0.25
Roseum. flore pleno.	Double rose.....	.05	.25
Finest Mixed.	Double.....	.05	.20

**BUNYARD'S INVINCIBLE ANTIRRHINUMS**

(Our Specialty)

Antirrhinums, or Snapdragons, are among the most showy of flowers for Summer cutting, and for Winter cutting, under glass, are becoming very popular. If sown under glass during February or March they will commence to bloom in July, and will so continue till frost. The tall or giant varieties are extremely useful for cutting.

**BUNYARD'S GIANT ANTIRRHINUMS**(Height, 3 to 4 feet) Pkt.  $\frac{1}{4}$  oz.

Cardinal.	Dazzling scarlet.....	\$0.10	\$0.50
Carmine King.	Brilliant purple carmine, with white throat.....	.10	.50
Daybreak.	Light pink.....	.10	.50
Brilliant.	Scarlet, golden yellow and white.....	.10	.50
Crescia.	Dark scarlet.....	.10	.50
Queen Victoria.	Pure white.....	.10	1.00
Luteum.	Yellow, striped red.....	.10	.50
Fire King.	Scarlet, with orange.....	.10	1.00
Firefly.	Scarlet.....	.10	.50
Romeo.	Deep rose.....	.10	.50
Galathea.	Crimson and white.....	.10	.50
Kermesinium.	Brilliant crimson.....	.10	.50
Sulphur.	Pure yellow.....	.10	.50
Venus.	Pure, delicate rose on white ground.....	.10	.50
Brilliant Rose.	A superb rose.....	.10	1.00
Othello.	Dark satiny chestnut brown.....	.10	1.00
Yellow and Orange.	All these shades in great variety.....	.10	.50
Mixed.	.....	.10	.35
Collection of the above 17 varieties, \$1.50;		collection of 6 varieties, our selection, 50c.	

**DOUBLE VARIETIES**Pkt.  $\frac{1}{4}$  oz.

Album fl. pl.	A grand, double white.....	\$0.15	\$1.00
Luteum fl. pl.	Bright canary yellow.....	.15	1.00

**THREE NOVELTY GIANT ANTIRRHINUMS**  
H.H.P.

**Grandiflorum majus, Rose Dore.** This variety is a lovely new shade of salmon-gold, a unique color, which lights up beautifully at night. Height 3 feet. Pkt. 15c., 2 for 25c.,  $\frac{1}{4}$  oz. 50c.

**Majus, Fairy Queen.** Rich orange salmon or terracotta, with white throat; very striking and beautiful. Pkt. 15c., 2 pkts. 25c.,  $\frac{1}{4}$  oz. 50c.

**Majus, Salmon Queen.** Very rich, golden rose, with white throat; splendid variety. Pkt. 15c., 2 pkts. 25c.,  $\frac{1}{4}$  oz. 50c.

Collection of three varieties as above, 40cts.

We can supply the Dwarf and Tom Thumb varieties of Antirrhinums upon application.

**BUNYARD'S INVINCIBLE ASTERS**

Plants from seed sown in the open ground in May bloom finely in September and October. For July and August flowers sow in March or April in coldframe, spent hotbeds, pots or boxes in the house. If a succession of Asters is desired, Queen of the Market for early, Comet, Ostrich Plume and Crego for intermediate, and the Branching for late, are recommended.

## HARDY ANNUAL FLOWER SEEDS—Continued

## ASTERMUMS

The aristocrats of the Aster family—a glorified type of the Ostrich Plume Aster—once grown, always grown.

The plants grow straight up, with very strong, sturdy stems, starting near the base and reaching from 18 to 24 inches. The three colors are unsurpassed. The fine character of this new flower, will prove a revelation to Aster lovers. **Pink, Lavender, White.** Each, pkt. 20c., 3 pkts. 50c. **Collection:** 1 pkt. of each color for 50c., 3 collections for \$1.25.

## QUEEN OF THE MARKET ASTERS

	Pkt.	$\frac{1}{4}$ oz.
<b>Extra-Early Pink</b> .....	\$0.10	\$0.75
White.....	.10	.75
Light Blue.....	.10	.75
Dark Blue.....	.10	.75
Crimson.....	.10	.75
Rose.....	.10	.75
Flesh Color.....	.10	.75
Scarlet.....	.10	.75
<b>Finest Mixed</b> .....	.10	.75

The above collection of 8 varieties for 75c.

## VICK'S EARLIEST OF ALL

Certainly the earliest Asters in cultivation.

	Pkt.	$\frac{1}{8}$ oz.
<b>Snowdrift.</b> Pure white. The leaves are narrow	\$0.10	\$0.50
and sparse, and the branches spring from close		
to the ground. The entire energy of the plant		
seems given to the production of twelve to twenty		
long, slender, upright stems, crowned with im-		
mense, feathery flowers. The long, recurved		
petals give the flowers an exceedingly graceful		
effect, heightened in many cases by the ragged,		
irregular character of the petals in the center of		
the flower.....	\$0.10	\$0.50
<b>Lavender</b> .....	.10	.50
<b>Pink</b> .....	.10	.50
<b>Purple</b> .....	.10	.50

## BRANCHING ASTERS

	Pkt.	$\frac{1}{4}$ oz.
<b>Vick's Branching Crimson</b> .....	\$0.10	\$1.00
White.....	.10	1.00
Purple.....	.10	1.00
Peerless Pink.....	.10	1.00
Violet.....	.10	1.00
Rose.....	.10	1.00
Rosy Carmine.....	.10	1.00
Scarlet Gem.....	.10	1.00
Upright White.....	.10	1.00
<b>Carlson's Branching Lavender</b> .....	.10	1.00
<b>Seample's Branching Shell Pink</b> .....	.10	1.00

The collection of 11 varieties for \$1.00.

## GIANT COMET ASTERS

These, the most artistic of all the Asters, have become a fixed type in which specialists are continually developing some new strain. The outer petals wavy reflexed, centering in a whorl of shorter curled and twisted ones, like Japanese Chrysanthemums, form flowers of extraordinary size and beauty.

	Pkt.	$\frac{1}{4}$ oz.
<b>Snow White</b> .....	\$0.10	\$1.00
<b>Rose</b> .....	.10	1.00
<b>Light Blue</b> .....	.10	1.00
<b>Dark Blue</b> .....	.10	1.00
<b>Lavender</b> .....	.10	1.00
<b>Shell Pink</b> .....	.10	1.00
<b>Lavender Pink</b> .....	.10	1.00
<b>Mixed</b> .....	.10	1.00

The collection of 7 varieties for 60c.

## HARDY ANNUAL FLOWER SEEDS—Continued

**TALL OSTRICH PLUME, or HOHENZOLLERN ASTERS**

They win enthusiastic admiration from all who see them. The flowers are of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double half-globes, resembling some of the finer Japanese Chrysanthemums. The plants are of luxuriant growth, attaining a height of 15 inches, each plant bearing from 25 to 30 of these magnificent flowers on long stems, which gives them an added value for cutting for vases.

Pkt.  $\frac{1}{4}$  oz.

<b>Giant Light Blue</b> .....	\$0.10	\$1.00
<b>Crimson</b> .....	.10	1.00
<b>White</b> .....	.10	1.00
<b>Shell Pink</b> .....	.10	1.00
<b>Lavender Pink</b> .....	.10	1.00
<b>Lavender Rose</b> .....	.10	1.00
<b>Purple</b> .....	.10	1.00
<b>Mixed</b> .....	.10	.75

Collection of above 7 separate colors, 60c.

**THE GIANT CREGO ASTER**

**White.** By the most careful and painstaking selection, the Crego Aster has been

Pkt. 2 pkts.  $\frac{1}{4}$  oz.

brought to a state of perfection hitherto unknown in this type. Of free, sturdy growth, attaining a height of over 2 feet, well branched, with long, strong stems and artistic, fluffy, graceful flowers, rarely less than 4 inches across and frequently over 5 inches, as fine as any Chrysanthemum. When cut, keeps longer in good condition than any Aster of this type; in bloom from mid-August on through September.....

\$0.15 \$0.25 \$1.00

**Crimson.** (New.) This is the latest color addition to the Crego type.....

.15 .25 1.00

**Rose.** This beautiful shade is now well fixed. Flower very large and of fine form..

.15 .25 1.00

**Lavender.** A beautiful shade of light blue.

.15 .25 1.00

**Shell Pink.** Identical in all respects with the white sort offered above, but of a beautiful, soft, shell-pink color, a shade that is always admired.....

.15 .25 1.00

**Purple**.....

.15 .25 1.00

Collection, 1 pkt. each of the above 6 beautiful varieties,  
75c.; 3 collections for \$2.00.

**VARIOUS ASTERS**

**Daybreak.** Flowers very large and double, of a beautiful shell-pink color. This is a grand Aster for cutting purposes, growing 2 feet high.

The best late market Aster of its color to date....

\$0.10 \$1.00

**Violet King.** The peer of the grandest Chrysanthemum. The habit is similar to the popular Vick's Branching, vigorous in growth, long, stiff stems; petals somewhat resemble the quilled varieties, but much larger and broader, completely covering the crown. In shape and size the bloom is round, full and large, many of the flowers 4 to 5 inches. Its color is a soft violet lilac.....

.10 1.00

**Pink Enchantress.** Its color is a soft, delicate pink, so popular in the Pink Enchantress Carnation. The flower is unusually lasting, both as a cut flower and on the plant, and notwithstanding its delicate shade, the color does not fade. Pink Enchantress is upright in habit, as distinguished from the branching form. The stems are long, strong and graceful. In season the Pink Enchantress is between midseason and late varieties, coming in ahead of the Early Branching, and as a Pink Aster, it is without a rival in that season....

.10 1.00

## ASTERS—Continued

<b>Hercules.</b> Of imposing beauty, the plants throw up a very strong stem, 15 to 20 inches high, which begins to branch about 4 inches from the ground, and bears at its summit the main central flower, while on the side shoots appear four to six secondary blooms. The latter, borne on remarkably strong stalks, of the genuine Hohenzollern form, with very long petals, and attains the enormous diameter of 7 inches. <b>White, Brilliant Rose, Rosy Lilac</b> .....	Pkt. $\frac{1}{4}$ oz.	\$0.10	\$0.75
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**SOUTHCOTE BEAUTY ASTER (Single)**

The flowers have long, perfectly formed petals, with very small, golden yellow centers, and are carried on stiff stems 12 to 20 inches in length. **White, Pink, Scarlet, Mauve, or Mixed.** Pkt. 15c.,  $\frac{1}{4}$  oz. \$1.00.

**SINGLE COMET ASTER**

These are becoming very popular with those of æsthetic tastes, and where pretty, decorative effects are desired. Flowers measure 4 to 6 inches across.

	Pkt.	$\frac{1}{8}$ oz.
<b>White</b> .....	\$0.15	\$1.00
<b>Pink</b> .....	.15	1.00
<b>Scarlet</b> .....	.15	1.00
<b>Mauve</b> .....	.15	1.00
<b>Mixed</b> .....	.10	.50

Collection of above 4 varieties for 50c.

All of the above we consider the cream of this beautiful annual. If any of your favorites are missing, we will supply them for you at regular catalogue prices.

**ASPARAGUS**

Pkt.

<b>plumosus nanus.</b> Beautiful fern-like foliage, extensively used for cutting purposes.....	100 seeds for \$1.00	\$0.25
<b>Sprengerii.</b> Used for hanging baskets, and also for cutting.....	100 seeds for \$0.50	.10
<b>Decumbens.</b> Long tremulous branches of dark green delicate foliage. The drooping habit is very attractive in hanging baskets.....		.50
<b>Hatcherii.</b> A fine leaved type of plumosus; light elegant and airy, fine for decorative work.....	100 seeds for \$1.00	

**BUNYARD'S INVINCIBLE BALSAMS****Lady's Slipper**

An old favorite, suitable either for conservatory or for outdoor decoration. Flowers of the most beautiful and varied colors.

	Pkt.	Oz.
<b>Double White</b> .....	\$0.10	\$2.00
<b>Peach Blossom</b> .....	.10	2.00
<b>Carmine</b> .....	.10	2.00
<b>Lavender</b> .....	.10	2.00
<b>Bright Scarlet</b> .....	.10	2.00
<b>Violet</b> .....	.10	2.00
<b>Pale Yellow</b> .....	.10	2.00
<b>Fine Mixed, All Colors</b> .....	.10	1.00

Collection of Balsams, including 7 varieties as above, 60c.

<b>Camellia-flowered White.</b> Flowers of extraordi-	Pkt.	Oz.
nary size, double, and full-centered, with reflexed petals.....	\$0.10	\$2.00
<b>Prince Bismarck.</b> Brilliant salmon rose; extra double.....	.15	3.00

**BEGONIAS, FIBROUS-ROOTED**

Pkt.

<b>Crimson Bedder.</b> A new strain, with small foliage and glowing scarlet-crimson flowers; as a bedding plant this variety is worth growing for its rich russet-crimson foliage only.....	5 pkts., \$2.00	\$0.50
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**BEGONIAS, FIBROUS-ROOTED—Continued**

	Pkt.
<b>Erfordi.</b> Carmine.....	\$0.50
<b>Fairy Queen.</b> An exquisite Begonia, which comes absolutely true from seed, and flowers in the open with the greatest freedom throughout the Summer and Autumn months. Can be used with telling effect in beds and as an edging to long borders. Neither heat nor moisture appears to affect its beauty. Height, 10 inches. Color pink.....	.25
<b>Snow Queen.</b> A grand companion for the Fairy Queen. Color white. Height 10 inches.....	.25
<b>Vernon.</b> $\frac{1}{2}$ foot. A fine bedding sort, with rich red flowers and glossy bronze-red foliage.....	.25
<b>Vernon grandiflora nana.</b> Splendid pink.....	.25
<b>Vernon grandiflora atropurpurea.</b> Deep red.....	.25
<b>Semperflorens.</b> Seeds sown in February and March give fine plants for bedding out in June.....	.25
<b>Semperflorens gracilis rosea.</b> Graceful pink variety....	.25
<b>Rex</b> (Ornamental-leaved Varieties). Saved from splendid types. Choicest mixed.....	.25

**BELLIS PERENNIS****GIANT ENGLISH DAISIES**

For strength, robust growth and size of flowers these two Giant English Daisies exceed all varieties hitherto disseminated. Each plant produces from 12 to 15 flowers, 2 to 3 inches in diameter.

	Pkt.
<b>Crimson King.</b> Extra-large crimson variety.5 pkts.	\$1.00
<b>Delicata fl. pl.</b> White, with red center.....5 pkts.	\$1.00
<b>The Bride.</b> The finest double pure white...5 pkts.	\$1.00
<b>Longfellow.</b> Double rose.....5 pkts.	\$1.00
<b>Snowball.</b> Double white.....5 pkts.	\$1.00

**BRACHYCOME**

	Pkt.
<b>Iberidifolia</b> (The Swan River Daisy). Fine for baskets, etc.....	\$0.10
<b>Little Red Star</b> (The Red Swan River Daisy).....	.15

**BROWALLIA**

	Pkt.
<b>Speciosa major.</b> Clear blue flowers.....	\$0.10

**BEDDING CALCEOLARIAS (H.H.P.)**

<b>Veitch's Hardy Hybrid Golden Glory.</b> As beautiful for greenhouse decoration as for the herbaceous border, or bedding. As a greenhouse plant this will be invaluable, but as a hardy, herbaceous plant it will take a high position for its glorious coloring, golden yellow, and for the length of time it continues in bloom..	3 pkts.	\$1.25	\$0.50
<b>Profusa Clibrani.</b> Of an extremely light and graceful habit, bearing its splendid large flowers in sprays of rich golden yellow most profusely and abundantly. Very popular in Europe.....		1.00	
<b>Rugosa Yellow.</b> The well-known golden yellow bedding variety; comes quite true from seed. Height 12 inches..		.50	
<b>Triomphe du Nord.</b> Golden yellow; very showy and attractive.....		.50	
<b>Rugosa nana Mixed.</b> Our seed is saved from the choicest strain, and includes a variety of rich colors. Plants can be raised from seed under ordinary frame or greenhouse treatment. Height 12 inches.....		.50	

**CALLIOPSIS (Coreopsis)**

	Pkt.	Oz.
<b>Atrosanguinea.</b> Velvety crimson.....	\$0.05	\$0.30
<b>Drummondii.</b> <i>Golden Wave.</i> Yellow, with maroon center.....	.05	.30
<b>Dwarf Varieties.</b> Fine mixed.....	.05	.30
<b>Tall Varieties.</b> Fine mixed.....	.05	.30

**CALENDULA**

Pkt. Oz.

<b>Meteor.</b> Double. Yellow and orange striped.....	\$0.05	\$0.25
<b>Prince of Orange.</b> Darker than Meteor.....	.05	.25
<b>Pluvialis.</b> <i>White Cape Marigold</i> .....	.05	.25
<b>Pongei.</b> Double white flowers.....	.05	.30
<b>Pure Gold.</b> Double extra large, golden yellow flowers.....	.05	.50
<b>Sulphurea fl. pl.</b> Beautiful, sulphur-yellow flowers.....	.10	.75
<b>Lemon Queen.</b> New. Large-flowered; deep sulphur color.....	.10	.25
<b>Trianon.</b> <i>The Royal Marigold.</i> Bright sulphur yellow, with dark brown center.....	.10	.50

**CANDYTUFT (Iberis)**

Pkt. Oz.

<b>Bunyard's Giant Hyacinth-flowered.</b> Large, pure white, spiral spikes.....	\$0.35	\$2.00
<b>Empress.</b> 1 foot. Pure white; pyramidal.....	.10	.50
<b>White Rocket.</b> Large trusses.....	.05	.30
<b>Umbellata albida.</b> Creamy white.....	.05	.30
<b>carnea.</b> 1 foot. Flesh colored.....	.05	.40
<b>lilacina.</b> 1 foot. Lilac.....	.05	.25
<b>carminea.</b> 1 foot. Bright carmine.....	.05	.40
<b>Queen of Italy.</b> Light lilac; very free flowering.	.10	.50
<b>Rose Cardinal.</b> Very rich, striking color; quite distinct; deep, rosy cardinal.....	.15	1.50
<b>Bunyard's Large-flowered Hybrids.</b> Dwarf. An excellent strain for all purposes. Plant forms a bush, dwarf and very compact, bearing four to five times as many flowers as the type, and much larger.....	.10	1.00

**CELOSIA (Cockscomb)**

Pkt.

<b>Bunyard's Crimson Exhibition.</b> Seed selected from prize flowers and enormous combs.....	$\frac{1}{8}$ oz.	\$5.00	\$0.50
<b>Glasgow Prize.</b> 1 foot. Dark leaves and crimson comb..		.25	
<b>Finest Dwarf Mixed.</b> .....			.25

**THE OSTRICH PLUME COCKSCOMBS**

<b>Pride of Castle Gould.</b> This grand variety is a great improvement on Thompsoni, and is now very popular with professional and amateur gardeners alike. Contains only the most de- sirable shades and is, without doubt, the most beautiful Celosia of this type....	5 pkts.	\$1.00	\$0.25
<b>Celosia Thompsoni magnifica.</b>			
<b>Crimson</b> .....	.25	\$3.00	
<b>Pink</b> .....	.25	3.00	
<b>Purple</b> .....	.25	3.00	
<b>Golden Yellow</b> .....	.25	3.00	
<b>Superb Mixture</b> .....	.15	1.50	

**CENTAUREA**

Pkt. Oz.

<b>Candidissima.</b> <i>Dusty Miller.</i> 1 foot. For borders or edgings .....	$\frac{1}{4}$ oz.	\$3.00	\$0.20
<b>Gymnocarpa.</b> Taller than the above.....	.10	\$2.00	
<b>Odorata, Chameleon.</b> Yellow and rose; very fragrant.....	.10	2.00	
<b>Margaritæ.</b> 1 $\frac{1}{2}$ feet. Flowers 2 $\frac{1}{2}$ inches across, of the purest white and delightfully scented. A garden treasure.....	.10	1.00	
<b>Suaveleons.</b> <i>Yellow Sweet Sultan</i> .....	.10	.60	

**CYANUS (Blue Cornflower, or Bachelor's Button)**

Pkt. Oz.

<b>Emperor William.</b> 1 $\frac{1}{2}$ feet. Dark blue.....	\$0.05	\$0.25
<b>Cyanus alba.</b> <i>White Cornflower</i> .....	.05	.25
<b>rosea.</b> <i>Pink Cornflower</i> .....	.05	.25
<b>Finest Single Mixture</b> .....	.05	.25
<b>flore pleno, Double Blue</b> .....	.10	.75
<b>flore pleno. Finest Double Mixed. All Colors.</b>	.10	.50

## CENTAUREA—Continued

**GIANT SWEET SULTAN** (*Centaurea Imperialis*)

Colors pure white, pink, lavender, and intermediate shades. It is of easiest culture. If a package is sown every two or three weeks until July, a constant succession of bloom can be had throughout the Summer and Fall.

**Pure White.** One of the best white flowers for Pkt.  $\frac{1}{4}$  Oz. cutting; extremely large, sweet and beautiful... \$0.10 \$0.35

**Armida.** Very delicate color; pink, with white tinge..... .10 .35

**Iphigenia.** Delicate rose-lilac, white center..... .10 .35

**Favorita.** Brilliant rose..... .10 .35

**Graziosa.** Intense dark lilac..... .10 .35

**Lilacina.** Lilac; very distinct..... .10 .35

**Purpurea.** Brilliant purple rose..... .10 .35

**Rosea.** Deep rose..... .10 .35

**Splendens.** Brilliant, dark purple..... .10 .35

**Variabilis.** White, marked purple, fading to rose.. .10 .35

Collection of above 10 varieties, 90c.

**Gigantea, Bunyard's Giant Hybrids.** Choicest Pkt.  $\frac{1}{4}$  oz. Mixture..... \$0.10 \$0.35

**CINERARIA**

Pkt. Oz.

**Cineraria maritima.** *Dusty Miller.* Very useful for bedding or edging. 1 $\frac{1}{2}$  feet..... \$0.10 \$1.50

**Cineraria maritima candidissima, Diamond.**

This variety is a much improved type of Cineraria maritima candidissima, with pure white leaves, which are extremely serrated and equal in color to Centaurea candidissima.....  $\frac{1}{4}$  oz. \$1.00. .10

**CLARKIA ELEGANS**

Fine for indoor or outdoor cultivation; grand for cutting.

**Carnation-flaked Pink.** Long spikes of pale pink Pkt. 5 Pkts. flowers, effectively splashed and blotched with crimson. Elegant as a pot plant..... \$0.25 \$1.00

**Brilliant fl. pl.** Very bright orange..... .25 1.00

**Chamois Queen fl. pl.** Delicate pale chamois.... .25 1.00

**Salmon Queen.** Extra fine double salmon rose... .25 1.00

**Purple Prince fl. pl.** Rich purple..... .25 1.00

**Scarlet Queen fl. pl.** Intense orange-scarlet..... .25 1.00

**Finest Mixed**..... Oz. \$1.00. .05

Collection, 1 pkt. each above 6 varieties, \$1.25.

**CONVOLVULUS (Morning Glory)**

Pkt. Oz.

**Dwarf Varieties.** Finest mixed..... \$0.05 \$0.25

**Tall Varieties.** Finest mixed..... .05 .15

**Imperial Japanese.** Choice mixed..... .10 .35

**Tricolor.** Dwarf varieties; finest mixed..... .05 .50

For other varieties of Convolvulus, see Ipomea.

**COBÆA**

Pkt. Oz.

**Scandens.** Blue..... \$0.10 \$0.75

**Alba.** White..... .25 2.00

**COSMOS**

**Lady Lenox.** The gigantic, Orchid-flowering Cos- Pkt.  $\frac{1}{4}$  oz. mos. It is of extraordinary size and beauty. Size of flower, 4 to 5 inches in diameter, which is about three times larger than the ordinary Cosmos. Color a delightful shell pink..... \$0.10 \$1.00

**Lady Lenox (White.)** Similar to the above, but pure white and a fine companion for this variety..

3 pkts. for 25c.. .10

**Extra-early Flowering Dawn.** White, tinged pink..... .10 2.00

**Early-flowering Dawn, Mixed.**..... .10 1.50

**Mammoth Perfection, Pink.**..... .10 .50

" " White..... .10 .50

" " Crimson..... .10 .50

" " Mixed..... .10 .50

**Klondyke.** Orange colored..... .10 2.00

**CORNFLOWER.** See *Centaurea* page 20.

## BUNYARD'S IMPROVED MARGUERITE CARNATIONS

The earliest of all Carnations, blooming in July or August if sown in Spring, and continuing until frost. Being half-hardy perennials, a slight protection of coarse straw or pine boughs will preserve them during Winter and they will flower profusely the next Summer, or they may be potted to bloom during Winter in the house. The flowers are large, about 80 per cent. usually coming double.

Pkt.

**Improved Marguerite.** From the ease with which this fine Carnation can be flowered as an annual it has attained a popular position, and will continue to hold a foremost place in the garden. The beautiful double-fringed flowers make a brilliant display of attractive coloring in the open, and they are greatly prized for border or table decoration. Our strain produces an unusually high percentage of doubles. Height, 18 inches. Mixed colors.. \$0.25

**Improved Pure White Marguerite.** The only pure white Carnation coming true from seed. It is an exquisite sweet-scented double-fringed flower, invaluable for bedding or indoor decoration. Over 90 per cent. of the plants produce double flowers..... .75

**Improved Marguerite.** Yellow and yellow ground..... .50

## CARNATION, VANGUARD

This race of Carnations has universally pleased our customers. The great merit of this strain is that it produces an admirable form of exquisitely scented flowers within six months from the date of sowing; hence it is easy to grow the best Carnations as annuals, saving all the trouble of wintering the plants. A succession of these popular flowers can be maintained after the perennial varieties have gone out of bloom. The colors include Fancy, Self, Bizarre and Yellow Grounds. Mixed colors,  $\frac{1}{2}$  pkt. 75c., pkt. \$1.25.

Pkt.

**Chaubaud Perpetual.** Double. Blooms in seven months. Mixed, Red, White and Yellow..... \$0.25

**Riviera Market.** A very fine perpetual strain. Early; fine, large, double flowers .....

.50

**Choice Mixed.** Saved from one of the finest collections.. .25

**Carnations, Hardy.** See Pinks, page 46

## CHRYSANTHEMUM

Pkt. Oz.

**Carinatum.** Single mixed..... \$0.05 \$0.25

## CLANTHUS

**Dampieri** (Glory Pea). Brilliant scarlet, with a black blotch..... Pkt. 10 seeds, 25c.

## DIANTHUS, or PINKS

	Pkt.	Oz.
<b>Carinatum.</b> Single mixed.....	\$0.05	\$0.25
<b>Heddewigii, Single.</b>		
<b>Eastern Queen.</b> Extra select; striped rose	.10	\$0.50
<b>Crimson Belle.</b> Brilliant crimson.....	.10	.50
<b>The Bride.</b> Very dwarf and compact; pure white, crimson eye; large flower....	.10	.50
<b>Mixed.</b>	.10	.75
<b>Heddewigii, Double.</b>		
<b>Atrosanguineas.</b> Brilliant deep blood red	.10	1.00
<b>Fireball.</b> Scarlet.....	.25	
<b>Snowball.</b> Large, double, white; clove-scented; fine for cutting.....	.15	.25
<b>Mixed.</b>	.10	.75
<b>Diadematus fl. pl., Choicest Mixed.....</b>	.10	1.00
<b>Laciatus, Single Mixed.....</b>	.05	.60
<b>Double Mixed.....</b>	.10	1.25
<b>Imperialis fl. pl.</b> <i>Double Imperial Pink..</i>	.05	.50

## DIASCEA

Pkt.

**Barberæ.** Rosy pink flowers, with short spurs. Height 4 inches..... \$0.25

### DIMORPHOTHECA

**Aurantiaca** (Orange Daisy). This was the best novelty Pkt. annual of 1909, and gave great satisfaction wherever grown. Its Marguerite-like blossoms,  $2\frac{1}{2}$  to  $2\frac{3}{4}$  inches in diameter, show a unique, rich, glossy orange gold, which is rendered the more conspicuous by the dark colored disc surrounded by a dark zone. A bed in full bloom is a magnificent sight.....3 pkts. for 25c.\$0.10

**Aurantiaca hybrida**. These hybrids are similar in habit and size of bloom to the beautiful Dimorphotheca aurantiaca, but range in color from pure white to blush white, with salmon glow and orange-salmon reverse, creamy white with lemon reverse, blush with chrome and brown reverse, lemon with deep brown reverse, canary yellow, soft salmon and salmon orange....  
3 pkts. for 50c. .20

**Aurantiaca hybrida fl. pl.** Semi-double and double-flowering varieties of our Dimorphotheca aurantiaca hybrids introduced two years ago. The colorings of these new double-flowering varieties are as rich and varied as those of the single-flowering sorts, ranging from white to light and dark yellow, from salmony rose to orange.....  
3 pkts. for 50c. .20

### DOLICHOS

**Lablab** (Hyacinth Bean). Rapid climber; purple and white Pkt. flowers, mixed.....Oz. 15c. \$0.05

### ESCHSCHOLTZIA (California Poppy)

Conspicuous for their profusion of bloom and bright colors.

	Pkt.	Oz.
<b>Alba.</b> Creamy white.....	\$0.05	\$0.40
<b>Burbank's Crimson.</b> A very handsome crimson variety.....	.05	.75
<b>Californica, Giant.</b> Yellow.....	$\frac{1}{4}$ lb. 75c.	.05
<b>Golden West.</b> A very beautiful and popular variety. Color golden yellow.....	.10	.50
<b>Californica caniculata rosea.</b> Most beautifully fluted and frilled; of a bright, rosy blush shade. A profuse bloomer, and one of the most striking Eschscholtzias.....	.10	.75
<b>Sulphur Yellow and Pure White.</b> .....	Each, 3 pkts. for 25c.	.10
<b>Finest Mixed, All Varieties.</b> .....	$\frac{1}{4}$ lb. 75c.	.05
<b>CARMINE KING.</b> A beautiful rose-colored variety, in many instances as intense on the inside as on the outer petals, which gives it an altogether novel and bright effect.....	5 pkts. for \$1.00	.25

	Pkt.	Oz.
<b>Mikado.</b> Color is orange crimson, suffused with deep crimson.....	2 pkts. for 25c.	\$0.15
<b>Diana.</b> Color is rosy white, while the petals are fluted in a novel manner, giving the flower quite a fantastic and attractive appearance.....	2 pkts. for 25c.	.15
<b>Double Orange.</b> Color deep yellow, suffused with crimson. Flowers are quite double.....	2 pkts. for 25c.	.15
<b>Dainty Queen.</b> Color is a tender blush or pale coral pink, slightly deeper toward the edges, with a groundwork of delicate cream.....	2 pkts. for 25c.	.15

### EUCALYPTUS

**Globulus** (Blue Gum Tree). H. Hardy Tree.....\$0.10

### GAILLARDIA (Blanket Flower)

	Pkt.	Oz.
<b>Amblyodon.</b> Rich blood red. Very effective.....	\$0.10	\$0.40
<b>Picta Lorenziana.</b> Double mixed.....	.10	.40

### GAURA

**Lindheimeri.** H.P. A graceful perennial 3 to 4 Pkt. feet high, bearing numerous spikes of rosy white flowers from July till frost. This plant is largely used throughout Europe for interspersing in beds of Begonias, Geraniums, etc., giving an air of grace to what would otherwise be stiff and formal.\$0.05 \$0.30

## GERBERA

**Jamesoni hybrida.** H.H.P. Gerbera Jamesoni hybrida first raised by Mr. Lynch, curator of the Botanic Gardens, at Cambridge, England, by hybridizing the Gerbera Jamesoni, from the Transvaal, with *G. viridifolia*, and then recrossing the progeny. Mr. Lynch added to the brilliant orange scarlet of the type a series of fine new colors, including pure yellow, orange, salmon, rose, cerise and ruby red to violet. This variety is somewhat hardier than the parent form. When sowing it is recommended to place each seed with the pointed end upward, just above the surface of the soil. Pkt., containing 25 seeds, 50c.; 3 pkts. for \$1.25.

## GLOBE AMARANTH (Gomphrena)

	Pkt.	Oz.
Very showy; everlasting.		
<b>Finest Mixed Colors</b> .....	\$0.05	\$0.25

## GREVILLEA

	Pkt.	Oz.
<b>Robusta</b> (Silk Oak). G.S. ....	\$0.10	\$1.00

## GYPSOPHILA

1½ feet. Free-flowering annuals, known as Baby's Breath. Useful for bouquets.

<b>Elegans.</b> 1½ feet. Free-flowering annuals, known as Baby's Breath. Useful for bouquets. White and pink flowers.....	Pkt.	Oz.
<b>Elegans grandiflora alba.</b> A grand variety. Flowers large and pure white.....	.10	1.00
<b>Elegans carminea.</b> A splendid carmine-rose variety much brighter than <i>Gypsophila elegans rosea</i> . The plants grow about 10 to 12 inches in height and are immensely free flowering, set with small, bright, carmine-rose blooms.....		
5 pkts. for \$1.00		.25

## • ORNAMENTAL GOURDS

Rapid-growing, interesting, annual climbers, with ornamental foliage and singular-shaped fruit. 15 to 20 feet. Pkt. Oz.

<b>Apple-shaped</b> .....	\$0.05	\$0.25
<b>Dipper, or Calabash</b> .....	.05	.25
<b>Hercules' Club.</b> Club-shaped. 4 feet long.....	.05	.25
<b>Egg-shaped.</b> Fruit white, like an egg.....	.05	.25
<b>Orange-shaped.</b> <i>Mock Orange</i> .....	.05	.25
<b>Bottle-shaped</b> .....	.05	.25
<b>Turk's Turban.</b> Red striped.....	.05	.25
<b>Pear-shaped.</b> Striped; very showy.....	.05	.35
<b>Luffa.</b> <i>Dish Rag, Sponge, or Bonnet Gourd</i> .....	.05	.25
<b>Serpent.</b> Striped like a serpent. 5 feet in length.	.05	.35
<b>Sugar Trough</b> .....	.05	.25
<b>Mixed Varieties</b> .....	.05	.20

Collection of 11 varieties, as above, 50c.

<b>HELICHRYSUM monstrosum fl. pl. Everlasting.</b> This hardy annual is the well-known Everlasting Flower, and is everywhere prized for Winter decoration. Finest double mixture. All colors.....	Pkt.	Oz.
	\$0.10	\$0.50

## HELIANTHUS (Sunflower)

### SINGLE HELIANTHUS

	Pkt.	Oz.
<b>Cucumerifolius, Stella.</b> 3 feet. Compact form and bushy habit; Primrose yellow; very useful for cutting.....	\$0.05	\$0.40
<b>Orion.</b> New variety. Petals twisted like a Cactus Dahlia. Excellent for cutting.....	.05	.75
<b>Erato.</b> Flowers like a Cactus Dahlia; cream, black center.....	.10	1.00
<b>Oscar Wilde.</b> 9 feet. Orange and black. 6 inches across.....	.05	
<b>Macrophyllus giganteus.</b> 10 feet. Yellow.....	.05	.25
<b>Agryophyllum.</b> 5 feet. Silvery foliage.....	.05	

**HELIANTHUS—Continued****DOUBLE HELIANTHUS**

<b>Chrysanthemum-flowered.</b> An annual variety with large, intensely double, bright golden flowers.....	Pkt.	Oz.
.....\$0.05	\$0.25	
<b>Californicus.</b> 5 to 6 feet. Large, orange flowers.....	.05	.20
<b>Globosus fistulosus.</b> 5 feet. Bright saffron color.....	.05	.25

**HELIOTROPE**

	Pkt.	
<b>Lemoine's Giant.</b> .....		\$0.25
<b>Queen Marguerite.</b> Very large trusses of flowers; dark blue, and much more compact than the ordinary variety..	.25	
<b>Regale.</b> <i>Dwarf Giant-flowered Heliotrope.</i> This is a grand dwarf variety. Early, flowers freely, with large masses of bloom.....	.25	
<b>Finest Mixed Varieties.</b> .....		.10

**HIBISCUS (Marsh Mallow)**

H.H.A. and H.H.P.

	Pkt.	
<b>Africanus.</b> 2 feet. Free-growing, hardy annual. Yellow, with maroon center.....	\$0.10	
<b>Golden Bowl.</b> Sulphur yellow with purple center.....	.10	
<b>Grandiflorus, Sunset.</b> A beautiful greenhouse variety. Flowers very large, pale yellow, black center. Also very useful for Summer bedding.....	.25	
<b>Manihot.</b> This strikingly beautiful decorative plant attains a height of about 4 feet, producing flowers fully 4 inches in diameter, their color being a soft, clear sulphur yellow, with a conspicuous maroon blotch at the base of each petal. They are only ephemeral, but are borne in large numbers and quick succession, and make a splendid display for a long time. It is very effective in pots for greenhouse decoration, or makes splendid specimens in beds or borders. Although a perennial, we advise the treatment of a half-hardy annual.....		.25

**HUNNEMANNIA**

Pk. Oz.

<b>Fumariæfolia.</b> <i>Giant Yellow Tulip Poppy, or Bush Eschscholtzia.</i> H. A. This is by far the best of the Poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large Buttercup-yellow Poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful, feathery, glaucous foliage.....	$\frac{1}{4}$ lb.	\$1.75	\$0.10	\$0.50
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**HOLLYHOCKS**

Pkt. Oz.

<b>Single Hybrid Everblooming.</b> Plants can be treated exactly as annuals; the seed may be started in the house or hotbeds in March or April, and will commence to flower in July, and stay uninterruptedly in flower until very late in the season, in a very rich collection of colors, from snowy white, rosy carmine, yellow, blood red to the deepest black. Plants branch out freely and grow about 10 feet high.....	\$0.10	\$2.00
<b>Double Hybrid Everblooming.</b> This mixture contains a rich collection of colors, from white to deep black, light and canary yellow, flesh color, dark, light and salmon rose, scarlet, cherry, red, purple, blackish brown, etc. The plants can be treated as annuals; the seeds may be started in the house, or in hotbeds, frames, etc., in March or April. Plants transplanted by the beginning of May in the open ground will commence to flower about the end of July, ten days after Hollyhocks that have been treated as biennials. The plants will remain in flower uninterruptedly until very late in the season. Plants branch out freely and grow to a height of about 10 feet.....	\$0.25	\$2.00

## IMPATIENS

Pkt.

**Holstii.** G.P. Very handsome Zanzibar Balsam recently discovered in Africa. It forms bushes  $1\frac{1}{2}$  to 2 feet high, and resembles in habit, foliage and shape of flower the popular *I. Sultani*, but surpasses it in its quicker and more vigorous growth and its larger and brighter-colored flowers. Seed sown indoors in Spring will form plants ready to set out in May, and will bloom continuously from June till frost. It is also an excellent pot plant for the house.....5 pkts. for \$1..\$0.25

**Holstii, New Hybrids, Mixed.** Splendid East African Balsam, *I. Holstii*. With its brilliant, vermillion-red flowers, it is indeed an excellent pot plant, and also extremely useful for the open border, groups in a half-sunny position producing a striking effect. It may be remarked that the broad-petaled blooms are  $1\frac{1}{4}$  to  $1\frac{1}{2}$  inches in diameter. The new colors now offered are quite distinct and also very beautiful...5 pkts. for \$1.00 .25

**Oliveri.** T.A. This grand Impatiens was introduced recently from British East Africa and has caused quite a sensation in Europe, where it has been exhibited. The plants are very vigorous and produce during the Summer, in the open ground, a profusion of flowers of a delicate pink color. This resembles in color and form the beautiful Orchid, *Miltonia vexillaria*. This also makes an excellent house or greenhouse plant for Winter use.....3 pkts. for \$1.25 .50

**Sultani.** *Perennial Balsam.* G.S. Brilliant rosy scarlet... .15

## IPOMOEA (Morning Glories)

Quick-growing Summer climbers. Unsurpassed for covering trellises, walls, etc. Pkt. Oz.

**Coccinea.** 10 feet. Scarlet flowers.....\$0.05 \$0.25

**Imperial Japanese.** *Japanese Morning Glory.* See *Convolvulus*, page 21.

**Leari.** Dark blue..... .10 1.50

**Mexicana grandiflora alba.** 15 feet. The great, white Moonflower..... .10 .75

**Bona-nox.** *Good-night.* Opens large, white flowers in the evening..... .05 .25

**Rubro-caerulea.** *Heavenly blue.* 15 feet. Sky-blue flowers, opening in the early morning..... .25 1.00

**Quamoclit.** See *Cypress Vine*.

**Setosa.** *Brazilian Morning Glory.* 10 to 20 feet. Makes a thick growth of great, lobed leaves; large, rosy flowers, pink star in center..... .05 .40

**Cardinalis.** *Cardinal Creeper.* Splendid new Morning Glory which is unrivaled as to the brightness of its flowers. *Ipomoea cardinalis* belongs to the group of bindweeds that have a tubulous corolla. The deeply laciniated leaves are exceedingly graceful; the flowers, which are produced early and in great profusion on the plant, are of such an intense cardinal red that they shine to a great distance.....6 pkts. for \$1..\$0.20

## KALANCHOE

Pkt.

**Flammea.** G.S. Finest of all the Kalanchoes. Height 18 inches. Erect stem carrying large bunches of brilliant orange-scarlet flowers.....\$0.50

## KOCHIA

Pkt.  $\frac{1}{4}$  Oz.

**Tricophylla.** *Mock Cypress, or Fireball.* A pretty, half-hardy annual, forming compact bushes about  $2\frac{1}{2}$  feet in height, with small, feathery, light green, drooping foliage, which changes, as the Summer advances, to a deep green, and to a crimson hue in September. Seed may be sown in April, and the seedlings planted out 2 feet apart in the open border about the end of May..\$.10 \$1.00

**Scoparia.** Similar to the above, but not so graceful. .05 .50

### LARKSPUR

Very ornamental annuals, producing, in great variety of form and colors, some of the most beautiful flowers in cultivation.

	Pkt.	Oz.
<b>Double Dwarf Rocket.</b> Azure blue.....	\$0.05	\$.50
<b>Double Dwarf Rocket.</b> Mixed colors.....	.05	.25
<b>Tall Rocket.</b> 2½ feet. Double mixed.....	.05	.30
<b>Scarlet Defiance.</b> An improvement by careful selection of the Newport Scarlet Larkspur.....		
5 pkts. for \$1.00	.25	
<b>White Queen.</b> Companion flower to our Scarlet Defiance. . . . .	.5 pkts. for \$1.00	.25
<b>Giant Hyacinth-flowered Navy Blue.</b> A grand variety for cutting purposes; color intense blue..	2 pkts. for 25c.	.15
<b>Blue Butterfly.</b> A charming variety. Color dark blue, forming a compact free-flowering bush about 15 inches in height.....	¼ oz., 50c.	.10
<b>Emperor.</b> A grand type of Annual Delphiniums. Height about 2 feet, of candelabra habit, with about twelve short branches.		
Rose, White, Black-blue, Azure-blue, Red, Brilliant Rose, Snow White, Striped, Tri-color, Violet, White Striped and Brilliant Carmine. Per pkt., each, 10c., oz. 50c.		
Collection of above 12 varieties, \$1.25.		

### GIANT HYACINTH-FLOWERED LARKSPURS

	Pkt.	Oz.
<b>Choice Mixed.</b> . . . . .	\$0.10	\$1.00

### LINARIA

	Pkt.	Oz.
<b>Cymbalaria. Kentucky Ivy.</b> A pretty, trailing variety for rock work, etc., or for hanging baskets, etc.....	\$0.10	\$1.50

### LOBELIA

	Pkt.	Oz.
<b>Erinus gracilis.</b> Blue; trailing.....	\$0.10	\$1.00
<b>Erinus Crystal Palace compacta.</b> 6 inches. Dark blue, bedding variety.....	¼ oz. 50c.	.10
<b>Erinus Emperor William.</b> Light blue; dwarf..	¼ oz. 50c.	.10
<b>Speciosa.</b> Ultramarine-blue, dark leaves; trailing.	.05	1.00
<b>Tenuior.</b> A charming species with flowers which are large for the genus, being one inch in diameter. The plant is of light and graceful habit, reaching a height of about 1 foot. <b>Blue, White or Rose.</b> Collection of 3 varieties for 60c.....	.25	

### LUPINUS

	Pkt.	Oz.
<b>Annuus. Lupine.</b> Annual varieties. Mixed.....	\$0.05	\$0.20

### MARVEL OF PERU (Four O'clocks)

	Pkt.	Oz.
<b>Finest Mixed.</b> . . . . .	\$0.05	\$0.15

### BUNYARD'S INVINCIBLE MARIGOLDS

#### AFRICAN

Stronger in growth and larger in flower than the French varieties. The dwarf sorts grow only about 18 inches high and bloom earlier than tall ones.

	Pkt.	Oz.
<b>Eldorado.</b> Large, quilled, perfectly double; brilliant shades of yellow.....	\$0.05	\$.40
<b>Nugget of Gold.</b> Golden yellow.....	.05	.50
<b>Pride of the Garden.</b> Extra large, double flowers of rich yellow; dwarf and neat.....	.10	
<b>Delight of the Garden.</b> Also dwarf and large-flowered; lemon yellow; double.....	.10	
<b>Mixed Tall Double.</b> . . . . .	.05	.40
<b>Mixed Dwarf Double.</b> 2 feet.....	.05	.50

## BUNYARD'S INVINCIBLE MARIGOLDS—Continued

## GOLD MEDAL AFRICAN

Some of the blooms measure  $4\frac{1}{2}$  inches across and are intensely double. Colors of the flowers rich orange and lemon. Any customer desiring the finest Marigolds should purchase these varieties. Scotch saved seed.

Pkt.  $\frac{1}{8}$  oz.

Prince of Orange.....	5 pkts. for \$1.00.	\$0.25	\$1.50
Lemon Queen.....	5 pkts. for \$1.00.	.25	1.50

## FRENCH

Pkt. Oz.

Tall Orange. 1 foot. Yields an amazing number of charming orange-colored little blossoms.....	\$0.05	\$0.40
Dwarf Striped. $1\frac{1}{2}$ feet. This and the next have flowers handsomely marked.....	.05	.40
Gold Striped. Rich and quaintly striped, double flowers.....	.05	.50
Legion of Honor. Single, golden yellow blooms, marked with velvety red; very dwarf.....	.10	.40
Tall Mixed Double.....	.05	.40
Dwarf Mixed Double.....	.05	.40

Choice collections, including 6 varieties Double French Marigolds, 25c.; 6 varieties Double African, 25c.

## MATRICARIA

Pkt.  $\frac{1}{4}$  Oz.

Golden Ball. Small, Chrysanthemum-like double flowers, fine for bedding. Height, 10 inches.....	\$0.10	\$0.50
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## MIMOSA (Sensitive or Humble Plant)

Pkt.

Pudica. Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken. $1\frac{1}{2}$ feet.....	\$0.05
Spegazziniana glauca. Blue-green tree Sensitive Plant. Beautiful foliage and fruit.....	.25

## MIMULUS (Monkey Flower)

Pkt.

Moschatus. Musk Plant. Invaluable for pot and window boxes.....	\$0.10
Tigrinus grandiflora Spotted; splendid mixture.....	.10
Imperialis. Hose-in-Hose. splendid mixture.....	.10

## MUSA

Pkt.

Ensete. Abyssinian Banana. S.G.....	100 seeds, \$2.00.	\$0.25
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## MINA

Pkt.

Lobata. Half-hardy, Mexican, climbing annual. The buds are at first of a vivid red, but turn to orange yellow before they open, and when fully expanded the flowers are of a creamy white shade. Attains a height of from 18 to 20 feet. Seed should be sown early.....	\$0.10
Sanguinea. Brilliant, blood-red flowers.....	.10

## MIGNONETTE

Pkt.

Bunyard's Invincible. The most superb variety for indoor or outdoor cutting; saved under glass from selected spikes.....	$\frac{1}{4}$ oz.	\$1.00	\$0.25
Bismarck. New, improved Machet; dwarf variety.	$\frac{1}{4}$ oz.	50c.	.10
Goliath. Giant trusses of flowers borne on erect, strong stems and surpassing all others in brilliancy of color.	$\frac{1}{4}$ oz.	50c.	.10
Allen's Defiance. Very long spikes; very fragrant and fine for cutting. (Originator's stock.).....	$\frac{1}{4}$ oz.	\$1.00	.25
Giant Pyramidal. $1\frac{1}{2}$ feet.....	Oz.	25c.	.05
Golden Queen. Spikes of golden yellow.....	Oz.	50c.	.05
Machet, Dwarf. Strong plants of pyramidal growth; long, broad spikes of deliciously scented red flowers....	Oz.	\$1.00	.10
Miles' Spiral. 1 foot.....	Oz.	30c.	.05
New Giant Crimson. Giant crimson variety. (Pot-saved).....	$\frac{1}{4}$ oz.	50c.	.25
Large-flowering. Sweet-scented...Oz. 15c., $\frac{1}{4}$ lb.	40c.	.05	

## INVINCIBLE NASTURTIUMS

### DWARF, or TOM THUMB

A bed of them in full bloom is a perfect glory of color, and a good 6x20 foot bed will yield about 1000 flowers per day.

	Pkt.	Oz.
<b>Aurora.</b> Yellow; veined.....	\$0.05	\$0.15
<b>Beauty.</b> Yellow and scarlet.....	.05	.15
<b>Chameleon.</b> Splashed with crimson, bronze and yellow.....	.05	.15
<b>Cærulea-roseum.</b> Bluish rose.....	.05	.15
<b>Crystal Palace Gem.</b> Yellow and carmine.....	.05	.15
<b>Empress of India.</b> Deep crimson; fine, dark foliage	.05	.15
<b>Golden King.</b> Golden yellow.....	.05	.15
<b>King of Tom Thumbs.</b> Scarlet.....	.05	.15
<b>King Theodore.</b> Black; velvety.....	.05	.15
<b>Lady Bird.</b> Yellow and red.....	.05	.15
<b>Portia.</b> <i>Atrococcineum.</i> Deep scarlet.....	.05	.15
<b>Rose.</b> .....	.05	.15
<b>Ruby King.</b> Dark red.....	.05	.15
<b>Vesuvius.</b> Salmon red.....	.05	.15
<b>Mixed</b> .....	$\frac{1}{4}$ lb. 30c., lb. \$1.00	.05 .10

**Collection, including 14 varieties Tom Thumb Nasturtiums, 60c.; 8 varieties, 35c.; 1 oz. each 14 varieties for \$1.25**

### TALL, or CLIMBING

Besides their ordinary garden use for trailing over fences, trellises, stone walls, etc., these can also be grown as pot plants for Winter flowering, as screens, or as trailers for hanging baskets and vases. Sow plenty of seed in drills, and thin to 6 inches. They bloom most quickly and profusely in poor soil.

	Pkt.	Oz.
<b>Jupiter.</b> New giant flowered; beautiful, golden yellow.....	\$0.05	\$0.15
<b>Chameleon.</b> Various colors on same plant.....	.05	.15
<b>Coccineum.</b> Scarlet.....	.05	.15
<b>Edward Otto,</b> Brownish lilac.....	.05	.15
<b>Hemisphæricum.</b> Orange.....	.05	.15
<b>King Theodore.</b> Dark red, extra fine.....	.05	.15
<b>Orange</b> .....	.05	.15
<b>Vesuvius.</b> Fiery rose; fine.....	.05	.15
<b>Schulzi.</b> Darkest-leaved.....	.05	.15
<b>Yellow</b> .....	.05	.15
<b>Fine Mixed</b> .....	$\frac{1}{4}$ lb. 30c., lb. \$1.00	.05 .10

**Choice collections—10 varieties Tall Nasturtiums, 40c.; 1 oz. each 10 varieties, \$1.25.**

### LOBB'S NASTURTIUMS (*Tropæolum Lobbianum*)

This class is remarkable for the intensely brilliant colors of its flowers, which are a trifle smaller than those of other sorts. In moderately rich soil they climb high and bloom brilliantly. Average height, 6 feet.

	Pkt.	Oz.
<b>Finest Mixture</b> .....	\$0.05	\$0.20
<b>Madame Gunter Hybrids.</b> A French strain noted for wide range of fine colors. Dark foliage.....	.05	.25

### NICOTIANA

	Pkt.	Oz.
<b>Affinis.</b> 3 feet. Clusters of long, white flowers; fragrant.....	\$0.05	\$0.50
<b>Affinis, B.'s Choice Hybrids.</b> Fine variety of bright colors; sweet-scented.....	.25	
<b>Sanderæ.</b> Bright carmine red.....	.10	
<b>Sanderæ Hybrids.</b> They come in eight separate colors, ranging from pure white to deep scarlet, some of the intermediate tints being of exquisite beauty. They are perfectly hardy and will bloom in the open air all through the Summer. Collection of eight varieties, 35c.		
<b>Mixed</b> .....	$\frac{1}{8}$ oz.	50c. .10

**NIGELLA**Pkt.  $\frac{1}{4}$  oz.

<b>Miss Jekyll.</b> <i>Love-in-a-Mist.</i>	One of our most attractive annuals. Those who require plenty of long-stemmed, graceful flowers of an attractive Cornflower-blue color should obtain seed of this delightful variety and sow in the open ground during April. Height 18 inches.....	\$0.10	\$0.50
<b>Alba fl. pl.</b>	Pure double white.....	.10	.50
	Finest Mixed.....	.05	

**BUNYARD'S INVINCIBLE PANSIES**

(Made in America)

Bunyard's Invincible Pansy Seed is a combination mixture of seed saved from selected flowers by a number of the leading growers of Pansy plants (for the leading gardens of the United States.) All carefully mixed to give a variety of colors; unexcelled by any mixture now being disseminated, and we have no hesitation in offering it to our friends and customers. Sow in July and follow instructions for growing perennial seeds, as on page 42.

Price per pkt. 25c., 50c. and \$1.00.  $\frac{1}{8}$  oz. \$2.50,  $\frac{1}{4}$  oz. \$4.50,  $\frac{1}{2}$  oz. \$8.00, oz. \$15.00.

**Giant English Exhibition Mixture.** Stock limited to a few ounces; sold only in packets, 50c. and \$1.00 each.

**Sim's Gold Medal Mixture.** Was awarded the First Prize and Gold Medal at the International Horticultural Exhibition, held at the Grand Central Palace, New York City, April, 1913. This splendid mixture is the result of years of pains-taking cultivating and selecting on the part of Mr. William Sim. Pkt. 75c., 3 pkts. for \$2.00,  $\frac{1}{8}$  oz. \$5.00.

**SCOTCH, or TUFTED BEDDED PANSIES**EXTRA CHOICE NAMED VARIETIES Pkt.  $\frac{1}{8}$  Oz.

<b>Archie Grant.</b>	Rich royal purple.....	\$0.50	\$2.00
<b>Ardwell Gem.</b>	Large rayless flower; primrose color.....	.50	2.00
<b>Blue Bell.</b>	Dark blue.....	.50	2.00
<b>Golden Gem.</b>	Fine yellow.....	.50	2.00
<b>John Querton.</b>	Deep lavender.....	.50	2.00
<b>Kitty Bell.</b>	Light lavender.....	.50	2.00
<b>Marchioness.</b>	Pure white.....	.50	2.00
<b>Mars.</b>	White, small yellow eye.....	.50	2.00
<b>Purple King.</b>	Deep purple.....	.50	2.00
<b>Snowdon.</b>	Pure white.....	.50	2.00
<b>Violet King.</b>	Deep, rich violet.....	.50	2.00
<b>Yellow Gem.</b>	A grand yellow novelty.....	1.00	2.00
Collection of 12 varieties as above (in pkts.)		5.00	
Collection of 6 varieties as above (in pkts.)		3.00	

**VIOLA (Scotch or Tufted Pansies)**

The Scotch Violas, or Tufted Pansies, have of late years been greatly appreciated. There are a great number of varieties, varying in color from pale lavender to deep rich purple, with many charming intermediate shades. They are very free-flowing, and cannot be surpassed for bedding purposes; in light, rich soil and a moist situation they will continue to bloom from Spring till late in the Autumn. They are also useful for ribbon borders, where they make a fine display. We have been repeatedly asked for seed of these most beautiful Violas, so offer the following, which we consider the finest for all purposes. Pkt. Oz.

<b>Cornuta Papilio.</b>	$\frac{1}{2}$ foot. Lilac. Spring.....	\$0.10	\$3.50
<b>Cornuta Perfection.</b>	$\frac{1}{2}$ foot. Blue. Spring.....	.10	2.50
<b>Cornuta White Perfection.</b>	$\frac{1}{2}$ foot. White. Spring.....	.10	2.50
<b>Cornuta Purple Queen.</b>	Blue.....	.10	2.50
<b>Cornuta lutea.</b>	$\frac{1}{2}$ foot. Yellow. Spring.....	.10	2.50
<b>Cornuta lutea splendens.</b>	$\frac{1}{2}$ foot. Orange. Spring.....	.10	2.50
<b>Cornuta Rose Queen.</b>	Dark rosy lilac.....	.10	3.50
<b>Cornuta Mixed.</b>		.10	2.00

## PETUNIAS

The Petunia is popular because it is of easy cultivation, blooms from early Summer continuously until frost, and is one of the most showy and free-growing annuals.

### DOUBLE VARIETIES      $\frac{1}{2}$ pkt.      Pkt.

<b>Bunyard's Double Fringed.</b> Our double Petunias have reached the highest standard of excellence, and may be confidently relied on to produce a large proportion of double flowers of exquisite beauty and great size. It is important to save the smallest seedlings as they produce the finest double flowers.....	\$0.60	\$1.00
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<b>Bunyard's Double-Fringed Rosea.</b> This variety is of the giant double-flowering class of the Fringed Perfection type; color of the flowers a delightful soft pink and pink and white mottled.....	.60	1.00
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### SINGLE VARIETIES

<b>Bar Harbor Beauty, Single.</b> The prettiest and the most effective of all Single Petunias; color a beautiful rose. Thousands of seedlings show not the slightest variation in color; on this account it is most effective for massing..	.25
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<b>Emperor, Single.</b> Large blossoms, distinct in form, coloring and marking. The solid colors are particularly rich and velvety; some of the crimson blossoms have pink stars, some pure white stars, while others are distinctly striped.....	.25
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<b>Inimitable Dwarf Compact Hybrids, Single.</b> Flowers blotched and striped.....	.25
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<b>Howard's Star.</b> Rich crimson, with a distinct, white star in center.....	.15
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<b>Rosy Morn.</b> Soft, carmine pink.....	.15
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<b>The Rainbow.</b> This large-flowering, single variety is of immense size, throats of intense yellow, lobes and fringe of rainbow colorings making a very attractive combination.....	5 pkts. for \$1.00	.25
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<b>Snowstorm.</b> Pure white; single. This variety comes true from seed.....	.25
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<b>Hybrida, Single Mixed.</b> .....	$\frac{1}{2}$ oz. 40c., oz. 75c.	.05
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### PORTULACA (1/2 foot.)      Pkt.      Oz.

<b>Finest Mixed, Single.</b> .....	\$0.05	\$0.30
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" <b>Double, Mixed.</b> .....	$\frac{1}{4}$ oz.	75c. .10
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## BUNYARD'S INVINCIBLE PHLOX DRUMMONDII

For brilliant effect and continuous blooming in the flower garden the Phlox cannot be surpassed.

**Grandiflora.** This section has beautiful, round-petaled flowers, larger than in the older sorts.

Pkt.  $\frac{1}{4}$  oz.

<b>Brilliant.</b> The finest brilliant crimson in existence, and when planted with the pure white makes a striking contrast.....	\$0.10	\$0.50
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<b>Alba.</b> Pure white.....	.10	.40
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<b>Atropurpurea oculata.</b> Purple, white eye.....	.10	.40
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<b>Chamois Rose.</b> A soft shade.....	.10	.40
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<b>Coccinea.</b> Large; brilliant scarlet.....	.10	.40
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<b>Crimson.</b> .....	.10	.40
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<b>Eclipse.</b> Rose, with white eye and white edge..	.10	.40
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<b>Isabellina.</b> Yellow.....	.10	.40
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<b>Kermesina.</b> Vivid crimson.....	.10	.40
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<b>Leopoldii.</b> Scarlet, white eye.....	.10	.40
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<b>Rosea.</b> Rose.....	.10	.40
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<b>Splendens.</b> Vermilion scarlet.....	.10	.40
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<b>Stellata splendens.</b> Star-like, crimson.....	.10	.40
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<b>Violet.</b> Violet, white eye.....	.10	.40
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<b>Mixed.</b> .....	Oz. \$1.50	.05
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Collection of 14 varieties, as above, \$1.25; 6 varieties, as above, 50c.

## POPPIES

### SHIRLEY

Pkt. Oz.  $\frac{1}{4}$  lb.

<b>Single, Finest Mixed.</b>	Brilliant, dazzling colorings and wonderful variety; very effective for display in the garden or for cut flowers.....	\$0.05	\$0.50	\$1.25
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Shirley Poppies can be sown in the late Summer for Fall flowering, being very effective at that season of the year, and fully repaying any trouble.

### SINGLE

Pkt. Oz.

<b>Danebrog.</b> <i>Victoria Cross Poppy.</i> Large flowers of brilliant scarlet, with a silver spot on each of the petals.....	\$0.05	\$0.25		
<b>Flag of Truce.</b> 2 feet. Large, satiny, white flowers, 3 to 4 inches across; extremely handsome.....	.05	.25		
<b>Fire King.</b> Free-flowering fringed variety; orange scarlet, with yellow stamens. A most striking variety.....	.10	.50		
<b>Umbrosum.</b> Vermilion, with shining black spot on each petal.....	.05	.25		
<b>Glaucum.</b> <i>Tulip Poppy</i> .....	.10	.50		
<b>The Tulip.</b> This variety grows about 1 foot in height and closely resembles a Due van Thol Tulip.....	.10			
<b>English Scarlet.</b> The variety that grows in the "corn fields" of England.....	.10			
<b>Fine Annual Single Mixed.</b> Brilliant colors.....	.05	.20		

### DOUBLE

<b>Carnation-flowered.</b> 2 feet. Flowers round, very double, and with finely fringed petals. Finest mixed.....	.05	.20		
<b>American Flag.</b> These are robust growers, about 2 feet high, well branched, bearing freely large flowers; a pure white ground, margined dark orange scarlet.....	.10	.30		
<b>The Mikado.</b> The petals are cut and fringed; pure white at the back, fringed edges brilliant scarlet ..	.05	.25		
<b>Japanese Pompon.</b> Very free blooming; small flowers the size of the Pompon Dahlia. $\frac{1}{4}$ oz. 50c.	.05			
<b>Peony-flowered.</b> Dwarf. Finest mixed.....	.05	.20		
<b>Peony-flowered.</b> Tall. Finest mixed.....	.05	.25		
<b>Ranunculus, or French.</b> Choice mixed.....	.05	.25		
<b>White Swan.</b> Pure, double, white flowers; beautifully fringed.....	.05	.25		

Collection of above 8 varieties for 40c.

## PYRETHRUM

An exceedingly ornamental dwarf-growing plant, yellow foliage for edging and ribbon beds.

Pkt. Oz.

<b>Aureum.</b> <i>Golden Feather.</i> 1 foot. Bright yellow foliage; fine for bedding.....	\$0.05	\$0.50		
<b>Selaginoides.</b> Foliage bright golden yellow, finely serrated; compact habit; fine for bedding.....	.10	.75		

## PENTSTEMON GLOXINIOIDES, BUNYARD'S HYBRIDS

H.H.P.

The varieties we offer are saved from large, Gloxinia-shaped flowers, comprising the most varied colors from white to deepest crimson, with intermediate shades of rose pink and lavender. Seeds sown in heat during January or February will bloom the same season. Pkt. 50c., 3 pkts. for \$1.25.

Pkt.

<b>B.'s Pink Shades.</b> Exquisite shades of rose pink and carmine, on white grounds only.....	3 pkts. for \$1.25.	\$0.50		
<b>Sensation.</b> This is by far the most brilliant of all Pentstemons, and as a bedding plant takes rank with the Petunia, Phlox, etc. It grows about 2 feet high, every branch being a spike of large Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc..	4 pkts. for 50c.	.15		

## REHMANNIA

**Angulata, Pink Perfection.** H.H.P. This is undoubtedly a very beautiful and desirable plant, and is one of the finest subjects for conservatory decoration that has been introduced for many years. Its cultivation is of the simplest. The large flowers, resembling those of the Incarvillea, are of a clear, bright pink color, with a distinct pale throat, the markings of which vary considerably. The spikes are from 4 to 5 feet high and produce their flowers from within a few inches from the base, which is a great advantage; they continue in flower for several months. Pkt. 35c., 3 pkts. for \$1.00.

## RHODANTHE MANGLESI (Straw Flower)

A little-known plant, but very largely grown for the London Covent Garden Plant Market. Sow in 5 or 6-inch pots, and thin out to about ten plants. An intermediate temperature is all it requires. A most beautiful and attractive plant, pink and white, equally good for Summer beds or borders, outside.

	Pkt.	Oz.
Maculata alba fl. pl. Double pure white; very beautiful.....	\$0.05	\$0.75
Manglesi. Brilliant rose.....	.05	.75
Finest Mixed.....	.05	.60

## RICINUS (Castor-Oil Bean)

From seed they quickly attain gigantic proportions, and are ornamental till destroyed by frost.

	Pkt.	Oz.
Borboniensis arboreus. 15 feet. Large and handsome green foliage.....	\$0.05	\$0.15
Cambodgensis. 5 feet. Red maroon.....	.05	.25
Communis major. Castor-Oil Plant. 6 feet. large, green foliage.....	.05	.20
Gibsonii. 6 feet. Dark, purplish-red foliage.....	.05	.20
Sanguineus tricolor. 10 feet. Red-spotted fruit in clusters; red foliage.....	.05	.10
Finest Mixed Varieties.....	.05	.15
Zanzibarensis Mixed. A race from East Africa, producing leaves of enormous size, varying in color from light green to purplish red.....	.05	.15

## ROCKET

**Sweet.** 1½ feet. A very interesting, useful and free-flowering plant. Blooming early, it remains beautiful for a long time in beds, ribbons, etc.

**Finest Mixed.** Pkt. 5c., oz. 25c.

## SALPIGLOSSIS

Pkt.	Oz.
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Grandiflora superbissima, Finest Mixture....	\$0.10	\$2.00
Emperor. Forms one leading stem, and bears on its summit a bouquet of beautiful flowers, each veined with gold.....	.10	
Tall Mixed.....	.10	1.50
Dwarf Mixed.....	.10	1.50

## BUNYARD'S ORCHID-FLOWERED SALPIGLOSSIS

Highly ornamental, half-hardy annual, with large, veined, funnel-shaped flowers, much prized for cutting; very showy in beds or borders. Those who grow a bed of these beautiful plants will find it one of the most striking features of the garden during July and August. Height 3 feet.

**Finest Mixed.....** 3 pkts. for \$1.25 \$0.50

### SALVIA

Magnificent bedding plants of the most brilliant and effective character. Laden with scarlet spikes, a bed forms a beautiful and highly attractive object.

Pkt.  $\frac{1}{4}$  oz.

<b>Clara Bedman.</b> <i>Bonfire.</i> 1½ feet. The finest Salvia for bedding yet introduced. The spikes stand out stiff and erect, while they bear from 20 to 30 flowers each.....	.10	\$1.00
<b>Splendens.</b> Bright scarlet spikes, varying from 16 to 24 inches in length.....	Oz. .25	.10 .75
<b>Ball of Fire.</b> Very dwarf and early. Varies from dark scarlet to blood-red. A well-known and popular hybrid.....	.10	.75
<b>Zurich.</b> A new dwarf scarlet. A compact, very early and very free-flowering variety, the plant not reaching more than 12 inches in height, with erect spikes covered with a mass of the most brilliant scarlet flowers. It commences to bloom early in June, and continues to make a grand display throughout the Autumn. 5 pkts. \$1.00, $\frac{1}{4}$ oz. \$2.00	.25	$\frac{1}{8}$ oz \$1.00
<b>Patens</b> Rich, deep blue; fragrant.....	.25	1.25

### BUNYARD'S INVINCIBLE SCABIOUS

**Mourning Bride, Sweet Scabious, Pin-Cushion Flower, Egyptian Rose, etc.**

A very showy, free-flowering plant, producing a great profusion of beautiful and richly colored flowers.

Pkt. Oz.

<b>The Fairy.</b> Fine azure blue.....	.10	\$1.00
<b>Fire King.</b> Rich, rosy crimson.....	.10	1.00
<b>Snowball.</b> White.....	.10	1.00
<b>Black, Red and White.</b> .....	.10	1.00
<b>Cherry.</b> .....	.10	1.00
<b>Cherry Red and White.</b> .....	.10	1.00
<b>Flesh Color.</b> .....	.10	1.00
<b>Fiery Scarlet.</b> .....	.10	1.00
<b>Rose.</b> .....	.10	1.00
<b>Lilac.</b> .....	.10	1.00
<b>Black Purple.</b> .....	.10	1.00
<b>Sulphur Yellow.</b> .....	.10	1.00
<b>King of the Blacks.</b> .....	.10	1.00
<b>The collection of above 13 varieties, 75c.; any 6 of the above varieties, 50c.</b>		

Pkt. Oz.

<b>Dwarf Double.</b> 1 foot. Many colored; mixed....	\$0.05	\$0.40
<b>Tall Double.</b> 2 feet. Very showy. Mixed colors.	.05	.40

### SHAMROCK (True Irish)

**Small leaved.** Pkt. 10c., oz. \$2.00.

### SILENE (Catchfly)

Free-blooming, hardy plants of easiest cultivation, useful for beds and borders.

<b>Compacta.</b> Single; bright rose.....	.10	\$0.10 \$0.50
<b>Pendula fl. pl.</b> 6 inches. Double; dwarf rose. Excellent for Spring bedding.....	.05	.30
<b>Pendula Peach Blossom.</b> Double flowers; charming color.....	.10	1.00
<b>Snow King.</b> Double white. 6 inches.....	.15	1.00

### BUNYARD'S INVINCIBLE GERMAN TEN-WEEKS STOCKS

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
<b>Brilliant Rose.</b> .....	\$0.10	\$0.75	\$1.25	\$4.00
<b>Canary Yellow.</b> .....	.10	.75	1.25	4.00
<b>Crimson.</b> .....	.10	.75	1.25	4.00
<b>Dark Blood Red.</b> .....	.10	.75	1.25	4.00
<b>Violet Blue.</b> .....	.10	.75	1.25	4.00
<b>Purple.</b> .....	.10	.75	1.25	4.00
<b>Flesh Color.</b> .....	.10	.75	1.25	4.00
<b>Light Blue.</b> .....	.10	.75	1.25	4.00
<b>Scarlet.</b> .....	.10	.75	1.25	4.00
<b>Snow White.</b> .....	.10	.75	1.25	4.00
<b>Fine Mixed.</b> .....	.10	.75	1.25	4.00

Collection of above 10 varieties, 75c.; 6 varieties, 40c.

### BISMARCK TEN-WEEK STOCKS

These are exceptionally fine, new Ten-Week Stocks of very robust growth and pyramidal habit, attaining a height of  $2\frac{1}{2}$  feet, and producing a high percentage of full, double flowers of very large size. It is perpetual flowering, blooming from June till September or October without interruption, and forms at the same time an elegant bedding plant and highly appreciated cut flower for all decorative purposes.

	Pkt.	$\frac{1}{8}$ Oz.
Snow White.....	\$0.25	\$1.00
Canary Yellow.....	.25	1.00
Lilac Blue.....	.25	1.00
Light Blue.....	.25	1.00
Crimson.....	.25	1.00
Dark Blue.....	.25	1.00
Dark Blood Red.....	.25	1.00
Chamoise.....	.25	1.00
Rose.....	.25	1.00
Mixed.....	.25	1.00

### BUNYARD'S GIANT TREE TEN-WEEK STOCKS

	Pkt.	$\frac{1}{8}$ Oz.
Salmon Rose.....	\$0.25	\$1.50
Brilliant Rose.....	.25	1.50
Apple Blossom.....	.25	1.50
Light Blue.....	.25	1.50
Blood Red.....	.25	1.50
White.....	.25	1.50
Violet.....	.25	1.50
Canary Yellow.....	.25	1.50
Mixed.....	.25	1.50

A grand variety, about  $2\frac{1}{2}$  to 3 feet high, of exceedingly robust growth and tree-like branching habit; with exceedingly long spikes of enormous-sized, very double flowers. Highly recommended.

### CUT-AND-COME-AGAIN STOCKS

These splendid Stocks will flower continuously through the Summer if sown early, or if sown late can be grown under glass during the Winter.

	Pkt.	$\frac{1}{8}$ oz.
Princess Alice. White.....	\$0.15	\$1.00
Apple Blossom. Light pink.....	.15	1.00
Peach Blossom. Soft pink.....	.15	1.00
Chamoise.....	.15	1.00
Bridesmaid. Rose.....	.15	1.00
Canary. Yellow.....	.15	1.00
Flamingo. Blood red.....	.15	1.00
Blue Jay. Light blue.....	.15	1.00
Violet. Dark blue.....	.15	1.00
Carminea. Crimson.....	.15	1.00

Collection of above 10 varieties, \$1.25; 6 varieties, 75c.

### SOLANUM

Pkt.

Solanum capsicatum. Hayes. Covent Garden strain. Upright; covered with scarlet berries during Winter.....	\$0.25
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### SWEET WILLIAM, EVERBLOOMING HYBRID (Dianthus latifolius)

These hybrids are the result of a cross between the annual China Pinks and Sweet Williams, retaining most of the characteristics of the latter. They form compact, bushy plants, with fine heads of double flowers, and flower almost as quickly from seeds as the China Pinks.

	Pkt.	Oz.
Latifolius atro-coccineus fl. pl. This is, unquestionably, the finest of the hybrids, and comes quite true from seed. In color it is a brilliant, fiery red, and commands attention in any position.....	\$0.25	
Double Mixed. While not so desirable as the above, it offers quite a variety in the way of color, including rose, purple, violet, scarlet, etc. .10.		\$0.60

**SWEET PEAS.** See pages 4 to 9.

<b>TAGETES signata pumila.</b> A dwarf, compact, bushy, annual Marigold, with beautiful, delicate, Fern-like leaves, densely covered with flowers of bright yellow, striped brown; a first class border plant.....	Pkt.	$\frac{1}{4}$ Oz.
<b>TOBACCO</b> , see <i>Nicotiana</i> .		Oz.
<b>TROPÆOLUM Canariense.</b> <i>Canary Bird Flower.</i>		
10 feet. Elegant, half-hardy, annual climber, with delicately cut leaves and lovely bright yellow, fringed flowers.....	\$0.05	\$0.50
<b>Lobbianum.</b> See <i>Nasturtiums</i> . Page 29.		

### THUNBERGIA

(5 feet)

Charming climbing annuals of rapid growth; excellent for window-boxes, hanging-baskets and vases. July to October.

	Pkt.	Oz.
<b>Alata.</b> Yellow, with black eye.....	\$0.10	\$1.25
<b>Alata alba.</b> White, with black eye.....	.10	1.25
<b>Aurantiaca.</b> Orange, with black eye.....	.10	1.25
<b>Bakeri.</b> Pure white.....	.10	1.25
<b>Fryeri.</b> Buff color.....	.10	1.25
<b>Coccinea.</b> Scarlet.....	.25	
<b>Grandiflora.</b> Blue flowers; an excellent climber..	.25	
<b>Finest Mixed.</b> Flowers white, yellow and orange, with black eye.....	.10	1.00

### TRACHELIUM

**Cæruleum.** G.S. A free-growing greenhouse annual of easy culture, having large, cloud-like heads of clear pale mauve flowers, somewhat resembling *Gypsophila*. Height 18 inches. Pkt. 25c., 5 pkts. for \$1.00.

### BUNYARD'S INVINCIBLE VERBENAS

Pkt. Oz.

<b>Mammoth Hybrids.</b> A strain of very vigorous growth, producing trusses of large flowers of brilliant and varied colors. Mixed..	$\frac{1}{4}$ oz.	60c.	\$0.10	\$2.00
<b>Auricula-flowered.</b> Large flowers, with distinct white eye in the center of each floret.....	.10		2.00	
<b>Blue</b> .....	.10		2.00	
<b>Pink</b> .....	.10		2.00	
<b>Scarlet Defiance.</b> The finest scarlet sort; intense color.....	.10		2.00	
<b>White.</b> Pure white; splendid variety.....	.10		2.00	
<b>Striped.</b> Many colors.....	.10		2.00	
<b>Lemon.</b> <i>Aloysia citriodora</i> .....	.10			
<b>Venosa.</b> Blue, upright habit; very showy and fine for bedding.....	.10		.50	

### VINCA (T.P.)

The Annual Periwinkle from Madagascar. Useful for conservatories or bedding.

Pkt. Oz.

<b>Alba.</b> White.....	\$0.10	\$2.00
<b>Rosea.</b> Rose.....	.10	2.00
<b>Rosea alba.</b> Rose and white.....	.10	2.00
<b>Mixed</b> .....	.10	1.50

### VIOLET (*Viola odorata*)

The single varieties can be raised only from seed. All are fragrant, and in the main quite hardy.

Pkt.

<b>Odorata.</b> <i>Common English Violet</i> .....		\$0.10
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**VIRGINIA STOCKS (H.A.) Sweet-scented.**

	Pkt.	Oz.
Red.....	\$0.05	\$0.25
White.....	.05	.25
Crimson King.....	.05	.50
Yellow.....	.05	.25
Mixed.....	.05	.20

**WALLFLOWER****ANNUAL VARIETIES**

Of delicious fragrance.

	Pkt.	Oz.
Annual. Flowers July to Fall from seed sown in February.....	\$0.10	\$0.25
Earliest Paris Market.....	.10	.25
Blood Red.....	.10	.50
Golden Gem.....	$\frac{1}{4}$ oz. 50c.	.10
Cream.....	$\frac{1}{4}$ oz. 50c.	.10
Yellow.....	$\frac{1}{4}$ oz. 50c.	.10
Annual Mixed.....	.10	.25

Imported collection of 12 separate H.H.P. varieties,  
Double or Single, \$1.00.

**WHITLAVIA**

Showy, annual, dark blue, bell-shaped flowers; excellent for small beds or ribbon border.

	Pkt.	Oz.
Grandiflora. Blue.....	\$0.10	\$0.25
Gloxinioides. Blue, white throat.....	.10	.25
Alba. White.....	.10	.25

**XERANTHEMUM**

	Pkt.	Oz.
Finest Double Mixed. 1½ feet. Profuse blooming, hardy annuals, with everlasting flowers. September.....	\$0.10	\$0.75

**ZEA**

	Pkt.	Oz.
Japonica variegata. Variegated Maize, Corn. 6 feet.....	\$0.10	\$0.15
Gracillima variegata. Miniature.....	.10	.15
Gigantea quadricolor. Very striking; beautifully striped, white and rose.....	.10	.20

**BUNYARD'S INVINCIBLE ZINNIAS**

(2½ to 3 feet)

These attractive and decorative, hardy annuals are most desirable plants for mixed borders or bedding purposes, and are remarkable for the profusion and duration of their flowers, which are extremely useful for bouquets. The double Zinnias are exceedingly handsome, the flowers being notable for their large size, fine form, brilliancy and diversity of color.

	Pkt.	Oz.
Bright Rose.....	\$0.10	\$1.00
Carmine.....	.10	1.00
Canary Yellow.....	.10	1.00
Dazzling Scarlet.....	.10	1.00
Flesh Pink.....	.10	1.00
Golden.....	.10	1.00
Lilac.....	.10	1.00
Purple.....	.10	1.00
White.....	.10	1.00
Yellow.....	.10	1.00
Mixed. All colors.....	.05	.75

Collection of 10 varieties, 90c.; 6 varieties for 50c.

## BUNYARD'S INVINCIBLE ZINNIAS—Continued

	Pkt.	Oz.
<b>Invincible Dwarf, Finest Double varieties.</b>		
Mixed. In the above selection and colors.....	\$0.10	\$0.75
<b>Zebra Striped.</b> A remarkably interesting class, growing about 18 inches high, and producing large, double flowers, which are striped more or less with brilliant colors in a most fantastic manner.....	.10	.75
<b>Tall Double Mixed</b> .....	.10	1.00
<b>Jacqueminot, Dwarf.</b> Dazzling crimson scarlet..	.10	1.75
<b>Tom Thumb.</b> This miniature class of Zinnias forms charming, compact, round bushes of 6 to 12 inches in height and 8 to 15 inches in diameter. The flowers are very double and comprise every shade of color.....	.10	.25
<b>Mammoth.</b> <i>Robusta plenissima.</i> Flowers of mammoth size, very double and of striking colors.	.10	.25

## ORNAMENTAL GRASSES

The annual varieties are chiefly grown for their elegant flower panicles, which are useful in bouquet work and for dried flowers. They should be cut before being fully expanded.

Collection of 12 Annual varieties.....	50c.
Collection of 6 Annual varieties.....	25c.

## MISSING

If there are any old favorites which you know are missing from this list, drop us a line and we will procure them for you

## Information

If you desire any information relative to the Farm, Garden or Greenhouse—or are laying out an estate—we have the service at hand—or can supply any Seed, Bulb, Plant, or implement not enumerated in this catalogue. If you want to build a Greenhouse! If you want to start a new place! If you want Poultry Supplies or Poultry Information! If you want Rustic Work or Garden Furniture! If you want to buy or sell a place! Our experts will consult with you.

## Bureau of Employment

Any Lady or Gentleman or Estate, requiring the services of a Landscape Gardener, Farmer, Superintendent, Head Gardener or Assistant, will render us a great service by permitting us to recommend to them reliable persons who seek positions. We constantly receive applications from reliable, well-experienced men who desire to make a change in their employment. No charge for this service.

# CHOICE FLOWER SEEDS

These are for growing under glass only.

## BUNYARD'S INVINCIBLE PRIMULAS

### PRIMULA SINENSIS (Chinese Primula)

Our Primula Sinensis seed has been specially grown for us by the most celebrated English Primula specialist. The flowers are remarkable, not only for size, beauty and brilliancy of the colors, but for the great substance of the petals. Considerable care is necessary in order to secure the successful germination of the seed of the choice kinds of *P. Sinensis*. The most suitable periods for sowing are January to May for Autumn, and June to August for Spring blooming. Shallow pans, well drained, are the best, the soil consisting of sandy loam and leaf-mold, worked through a fine sieve; the pans, when thus prepared, should be well watered before the seed is sown. Only a slight covering of soil or sand is needed. What has most to be guarded against is drought; the soil should be kept in as equable a degree of moisture as possible, never being on the dry side. We attribute more failures to this cause than to any other. Just at the time when the seed commences to germinate the least departure from this is fatal.

**Bunyard's Invincible Giant Primulas, Mixed.** This selection includes all our finest Giant Single Primulas.  $\frac{1}{2}$  pkt. 60c. pkt. \$1.00.

**Bunyard's Invincible Giant Pure White.**

**Bunyard's Invincible Giant Salmon.**

**Bunyard's Invincible Giant Orange King.** Orange salmon, edged terra-cotta.

**Bunyard's Invincible Giant Rose.**

**Bunyard's Invincible Giant Scarlet.**

**Bunyard's Invincible Giant Royal Blue.**

Each,  $\frac{1}{2}$  pkt. 60c., pkt. \$1.00. Collection of above 6 varieties  $\frac{1}{2}$  pkt. each, for \$3.00

**The Duchess.** Large, pure white flowers, with zone of bright, rosy carmine, surrounding a clear yellow eye.  $\frac{1}{2}$  pkt. 60c., pkt. \$1.00.

**Queen Mary.** Lovely new shade of soft rosy pink. Pkt. \$1.00.

**Bunyard's Giant Fern-leaved. Blue, White, Red, Scarlet, Pink.** All mixed in good proportion, or separate colors. Each,  $\frac{1}{2}$  pkt. 60c., pkt. \$1.00.

## BUNYARD'S INVINCIBLE STAR PRIMULAS

We offer a greatly improved strain of these new and free-flowering Primulas, saved from named varieties only. They make excellent pot plants for decorative purposes.

**Invincible Choicest Mixture.**  $\frac{1}{2}$  pkt. 60c., pkt. \$1.00.

**Bunyard's Double Primulas.** Choicest Mixture, all colors.  $\frac{1}{2}$  pkt. 60c., pkt. \$1.00.

### PRIMULA OBCONICA GIGANTEA

The following varieties are vast improvements on the old type of *P. obconica*, being freer flowering and of sturdier habit. In habit and foliage it resembles the beautiful *P. cortusoides*, and it is one of the most useful Primulas for pot culture or for the open border during the Summer months. To obtain good plants for Winter and early Spring flowering, the seed should be sown in warmth the previous April or May, and Wintered in a cool greenhouse or frame.

**Primula obconica gigantea Kermesina.** Beautiful deep crimson.

**Primula obconica gigantea alba.** The pure white flowers greatly enhance the beauty of the existing lilac, rose and crimson shades.

**Primula obconica gigantea lilacina.** Beautiful lilac.

**Primula obconica gigantea rosea.** Lovely rose.

**PRIMULA OBCONICA GIGANTEA—Continued**

**Primula obconica gigantea grandiflora.** Mixed varieties, containing pure white to deep crimson.

Each of above,  $\frac{1}{2}$  pkt. 30c., pkt. 50c.

**Primula floribunda grandiflora.** Buttercup. Small, yellow flowers borne in great profusion; fine for pots. Pkt. 50c.

**Primula Forbesi.** Baby Primrose. Pkt. 25c.

**PRIMULAS—HARDY AND HALF-HARDY**

**Primula Kewensis.** Giant Buttercup. This plant is a strong grower, with bright green leaves and numerous, erect-flower-scapes 10 to 18 inches in height, producing flowers in whorls at intervals along their whole length. The flowers are fragrant, bright yellow in color, with a slender tube and spreading limb nearly an inch in diameter. As a Winter-flowering decorative plant it is an acquisition; very floriferous when in a small state.  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00.

**Primula Kewensis, var. Farinosa.** Veitch. A new selection, obtained from the beautiful Primula Kewensis. The stems and foliage, being elegantly covered with a silvery white powder, make it a most charming and effective variety. The plant is of the same strong growth and habit as the type, with numerous fragrant, bright yellow flowers. Pkt. 75c.

**BUNYARD'S INVINCIBLE CINERARIAS**

In the culture of the Cinerarias the one mistake so often made is that of sowing the seed too soon. The plants thus raised, more often than not, make a rank growth; this is not in any sense desirable. By sowing in May and June, plants large enough for all decorative purposes can be had. In after-treatment the aim should be to secure as hard a growth as possible. Sturdy plants with leaves of medium size are best.

**Invincible Cactus-flowered.** Large flowers with narrow, rolled petals radiating from a small center. An agreeable variation from the full florists' flower, and the strain has been much admired.  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00.

**Invincible Brilliant Scarlet.** This variety introduces a new color, surpassing all the brilliant shades hitherto known among Cinerarias.  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00.

**Invincible White.** Lovely, single, pure white.  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00.

**Invincible Blue.**  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00.

**Invincible Blue and White.** Very attractive, large, broad-petaled blue flowers, center white.  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00.

**Invincible Pink and Light Blue Shades.** This charming combination of pale blue and delicate pink will be greatly appreciated. Mixed,  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00.

**Invincible Red and White.** The center of each flower is white, surrounded by a well-defined red ring of rich coloring from crimson to light pink.  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00.

**Invincible Mixed Cineraria.** A combination of the three most famous English strains, which we can recommend to those wishing to grow the best for show or other purposes. Tall,  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00; Dwarf,  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00.

**Cineraria Stellata.** Star-flowering Cineraria. Tall-growing; excellent as a single specimen for table decoration, or for grouping with splendid effect in corridors and conservatories.  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00.

**BUNYARD'S INVINCIBLE CALCEOLARIA**

The herbaceous Calceolaria is an easily cultivated plant. So long as frost is excluded from the plants in Winter they are perfectly safe, and to attempt to hasten growth at any time is a failure. July is the best month for sowing the seed. The great advance made in the habit of the strains offered is remarkable, whilst in the colors there is a marked improvement. Saved by England's most famous specialists. Monster flowers of rich and varied colors, including spotted, laced, blotched and self-colored varieties.  $\frac{1}{2}$  ptk. 60c., ptk. \$1.00.

**BUNYARD'S INVINCIBLE CYCLAMEN**

The seed of Cyclamen is often sown too early in the year; from the middle of August to the end of September is the best time. The seedlings should be grown on to the flowering stage without any check whatever. When grown cool, the results are most satisfactory. Bunyard's Invincible Cyclamen are unequalled for size and quality of bloom. A magnificent strain of Cyclamen, with flowers of extraordinary size and substance.

**Invincible White Butterfly.** Pure white; immense flowers.

**Invincible Snowflake.** The largest of all white Cyclamen.

**Invincible Cherry-Red.** Most brilliant and effective.

**Invincible Rose.** Immense flowers of a pleasing shade of light rose.

**Invincible Pink.** Exquisite shade of soft pink.

**Invincible Crimson.** Most striking color; under artificial light appears to be almost luminous.

**Invincible Crimson and White.** A magnificent flower of the largest type.

**Invincible Syringa-Blue.** A charming color.

**Invincible Lilac.** A very pleasing color, lighting up well at night.

**Any of the above varieties, pkt. 50c., 100 seeds \$2.00.** Collection of 9 varieties as above, one pkt. each, \$4.00

**Invincible Mixed.** A mixture of all the above varieties in proper proportion. Pkt. 50c., 100 seeds \$2.00.

**Princess May.** A very pretty type of Cyclamen. Color pink with suffused blotches of crimson at base of petals. Pkt. 50c., 100 seeds \$2.25.

**Salmon Queen.** Undoubtedly the most distinct and beautiful salmon color found in Cyclamen. Pkt. 50c., 100 seeds \$2.25.

**SIX GRAND CYCLAMEN**

**Peach Blossom.** An exceptionally handsome variety of an intense rose color. Pkt. 50c.

**Purple King.** The best of all crimson varieties and strikingly beautiful. Pkt. 50c.

**Phoenix.** Bright cherry-crimson flowers, freely produced. Pkt. 50c.

**Rose of Marienthal.** Soft shell pink; a very pretty variety. Pkt. 50c.

**Salmon King.** One of the finest salmon varieties. Pkt. 50c.

**Vulcan.** The rich crimson color is very striking and contrasts admirably with the pure white of Butterfly. Pkt. 50c.

**Collection of the preceding 6 Novelty Cyclamen for \$2.50**

**NOVELTY CYCLAMEN.** See page 10.

**SPECIAL NOTICE**

We shall be pleased to make special quotations upon Seeds, Bulbs, or Plants, etc., to

**GARDEN CLUBS**

OR

**SCHOOL GARDEN ASSOCIATIONS**

Our Mr. Harry A. Bunyard also has a repertoire of lectures, with stereopticon views, which he delivers before Garden Clubs and School garden associations, including "Hardy Perennials," "Sweet Peas" and "Summer Flowering Bulbs" etc.

Terms upon application

# OLD-FASHIONED FLOWERS AND HARDY PERENNIALS

That can be produced from seed

**Cultural Directions.**—Perennial seeds sown in July, February, March or late Summer and Fall. The seed should be sown carefully, the same as any choice seed, in well drained pots or shallow boxes or pans. Soil should be light and fairly rich, with about one-eighth coarse sand added; after sowing, cover lightly with well-sifted soil. When the plants have become large enough to handle, "prick out" about 2 inches apart, more if you have the room, in shallow boxes or frames, and again, when large enough, set out in the open in well prepared ground. If this is done in the Fall the young plants should be lightly covered with leaves or short stable manure; this will act as a slight protection, and will be conducive to their thriftiness and next season's growth.

	Height feet	Color	Time of flowering	Price per pkt.
<b>Achillea</b> (Yarrow) <i>ptarmica</i> fl. pl., "The Pearl".....	2	White	June, Jly $\frac{1}{8}$ oz.	75c. \$0.10
<b>Aconitum</b> (Monkshood, or Helmet Flower) <i>Napellus</i> ..	3	Dk. blue	Aug., Sept. $\frac{1}{4}$ oz.	50c. 10
<i>Napellus flore albo</i> .....	3	White	Aug., Sept.	10
<i>Wilsoni</i> .....	5 to 6	Blue	Sept.	50
<i>Pyrenaicum</i> .....	5	Yellow	Aug., Sept.	25
<b>Actaea</b> (Baneberry) <i>spicata</i> ...	3	Red	June	10
<b>Adonis</b> (Ox-eye) <i>autumnalis</i> ...	1	Red	Fall	oz. 50c. 10
<i>vernalis</i> .....	$\frac{3}{4}$	Yellow	June	10
<b>Agrostemma</b> (Rose Campion). <i>coronaria</i> (Mullein Pink)....	$2\frac{1}{2}$	Pink	June, July	oz. 50e. 10
<i>coronaria atropurpurea</i> ....	$2\frac{1}{2}$	Purple	June, July	oz. 50e. 10
<i>coronaria bicolor</i> .....	3	Pk. & wh.	June, July	oz. 50e. 10
<i>coronaria alba</i> .....	3	White	June, July	oz. \$1 10
<i>Flos-Jovis</i> (Flower of Jove)...	3	Dk. pink	June, July	oz. 50e. 10
<i>Flos-Jovis alba</i> .....	3	White	June, July	oz. 75e. 10
Mixed.....	$2\frac{1}{2}$	Various	June, July	oz. 40e. 10
<b>Ajuga</b> (Bugle Flower) <i>metal-</i> <i>lica crispa</i> (creeping).....	$\frac{1}{2}$	Blue	May	25
<b>Alyssum</b> <i>argenteum</i> .....	1	Yellow	June	oz. \$1 10
<i>saxatile</i> .....	$\frac{1}{2}$	Br. yel.	June	oz. \$1 10
<i>saxatile compactum</i> (Basket of Gold).....	$\frac{1}{2}$	Yellow	June	oz. \$1 15
Sutton's Silver Queen.....	$\frac{1}{2}$	Lemon	June	50
<b>Anchusa</b> (Alkanet) <i>Barrelieri</i> ..	2	Dark blue	July	25
<i>Italica</i> .....	4 to 6	Pale blue	July	10
Italiae, Dropmore var.....	4 to 6	Deep blue	June, July	25
<b>Anemone</b> (Windflower) <i>Honorine Joubert</i> .....	3	Pure wh.	August	25
<i>St. Brigid</i> .....	1	Mixed	Spring	15
<b>Aquilegia</b> (Columbine) Bun- yard's Long-spurred Hy- brids.....	2	Mixed		25
<i>Californica hybrida</i> .....	2	Mixed	May, Ju. $\frac{1}{4}$ oz.	\$1.25 15
<i>Canadensis</i> (Canada Col.)...	2	Yellow	Summer $\frac{1}{4}$ oz.	80c. 15
<i>chrysantha</i> .....	3	Canary	Summer $\frac{1}{4}$ oz.	\$1.50 15
<i>chrysantha grandiflora alba</i> ..	3	White	Summer $\frac{1}{4}$ oz.	\$1.25 15
<i>caerulea</i> (Rocky Mt. Col.)...	3	Pale blue	Summer $\frac{1}{4}$ oz.	\$1.25 25
<i>caerulea</i> fl. pl.....	3	Blue	Summer	25
<i>caerulea candidissima</i> .....	2	White	Summer	25
<i>glandulosa</i> .....	2	Deep blue	Summer	50
<i>Helena</i> .....	3	Blue & wh.	Summer	25
<i>nivea grandiflora</i> .....	2	Pure wh.	Summer	10
Rose Queen.....	3	Rose	Summer	25
<i>Skinneri</i> <i>hybrida</i> fl. pl.....	3	Dbl. crim.	Summer $\frac{1}{4}$ oz.	50c. 15
<i>Stuartii</i> .....	2	Pale blue	Summer	50
Sutton's Pink.....	2	Rose pk.	Summer	50
<b>Arabis</b> (Rock Cress) <i>alpina</i> ...	$\frac{3}{4}$	Pure wh.	Spring $\frac{1}{4}$ oz.	25e. 10
<b>Armeria</b> (Thrift) <i>formosa</i> ....	1	Rosy pk.	Sp. to Fall $\frac{1}{4}$ oz.	25c. 10
<i>formosa alba</i> .....	1	White	Sp. to Fall $\frac{1}{4}$ oz.	25c. 10
<b>Asclepias</b> <i>tuberosa</i> .....	3	Orange	Aug., Sept.	10
<b>Asperula</b> (Sweet Woodruff) <i>odorata</i> .....	$\frac{1}{2}$	White	May	$\frac{1}{4}$ oz. 25c. 10
<b>Aster</b> (Michaelmas Daisy) <i>alpinus speciosus</i> .....	1	Dk. blue	Fall	25
<i>alpinus superbus</i> .....	1	Blue	Fall	$\frac{1}{4}$ oz. 50c. 10
<i>Bessarabieus</i> .....	3	Violet	Fall	$\frac{1}{4}$ oz. 75c. 15
<i>niveus</i> .....	3	White	Fall	$\frac{1}{4}$ oz. 75c. 15
<i>Novæ-Angliæ</i> .....	4	Blue, pur.	Fall	$\frac{1}{4}$ oz. 75c. 15
<i>Novi-Belgii</i> .....	4	Blue	Fall	$\frac{1}{4}$ oz. 75c. 15
<i>Novi-Belgii, Purity</i> .....	4	White	Fall	$\frac{1}{4}$ oz. \$1 15
<i>pyramidalis hybridus</i> .....	4	Blue	Fall	$\frac{1}{4}$ oz. 75e. 15
<i>Shortii</i> .....	3	Lav.-blue	Fall	$\frac{1}{4}$ oz. 75c. 15
Snowflake.....	3	Pure wh.	Fall	25
<i>subæruleus</i> .....	4	Pale helio.	Summer $\frac{1}{4}$ oz.	\$1 25
<i>Townsendii</i> .....	2	Lilae	Jly., Oct. $\frac{1}{4}$ oz.	\$1.25 25

	Height feet	Color	Time of flowering	Price per pkt.
<b>Astilbe</b> Davidii.....	4	Mauve	Summer $\frac{1}{8}$ oz.	50c. \$0.15
<b>Aubrieta</b> (False Water Cress)				
deltoidea grandiflora (trail'g.)	$\frac{1}{2}$	Purple	Early Summer	25
Græca (trailing).....	$\frac{1}{2}$	Purple	Early Summer	15
Leichtlinii.....	$\frac{1}{2}$	Rosy car.	Early Summer	50
<b>Auricula</b> , Alpine. Mixed....	1	Various	Spring	25
<b>Baptisia</b> Australis.....	2	Blue	Ju., Jly. $\frac{1}{4}$ oz.	30c. 10
<b>Bocconia</b> (Plume Poppy) Ja- ponica.....	4	White	Summer $\frac{1}{4}$ oz.	15c. 10
<b>Boltonia</b> (Chamomile) aster- oides.....	7	Fesh-col.	Fall	10
latisquama.....	6	Pk., lav.	Fall	$\frac{1}{4}$ oz. 75c. 25
<b>Callirhoe</b> (Poppy Mallow) in- volucrata.....	$\frac{1}{2}$	Crim., wh.	Summer	10
<b>Campanula</b> (Bellflower) car- patica cœlestina .....	$\frac{1}{2}$	Blue	Summer $\frac{1}{4}$ oz.	25c. 10
carpatica alba.....	$\frac{1}{2}$	White	Summer $\frac{1}{4}$ oz.	25c. 10
carpatica compacta.....	$\frac{1}{4}$	Blue	Summer $\frac{1}{4}$ oz.	25c. 10
carpatica compacta alba....	$\frac{1}{4}$	White	Summer $\frac{1}{4}$ oz.	25c. 10
Media, Double Lavender....	3	Lavender	Summer $\frac{1}{8}$ oz.	50c. 10
Media, Double Blue.....	3	Blue	Summer $\frac{1}{4}$ oz.	50c. 10
Media, Double Rose.....	3	Rose	Summer $\frac{1}{8}$ oz.	50c. 10
Media, Double Mixed.....	3	All Colors	Summer oz.	\$1.50 10
Media, Single Rose.....	3	Rose	Summer	oz. \$1 10
Media, Single Blue.....	3	Blue	Summer	oz. \$1 10
Media, Single White.....	3	White	Summer	oz. \$1 10
Media, Single Striped.....	3	Striped	Summer	oz. \$1 10
Media, Single Mixed.....	3	All Colors	Summer	oz. 75c. 10
Media, Rosy Carmine.....	3	Rose	Summer	25
Media imperialis.....	3	Mixed	Summer	25
calycanthema(Cup & Saucer)	2	White	Summer $\frac{1}{4}$ oz.	\$1 10
calycanthema alba.....	2	White	Summer $\frac{1}{4}$ oz.	\$1 10
calycanthema rosea.....	2	Br. rose	Summer $\frac{1}{4}$ oz.	\$1 10
calycanthema, mixed.....	Various		Summer $\frac{1}{4}$ oz.	75c. 10
Persicifolia grandiflora.....	3	Blue	June, July	25
persicifolia grandiflora alba..	4	White	June, July	25
persicifolia grandiflora Mør- heimii.....	3	Dbl. wh.	June, July	50
pyramidalis (Chimney Bell- flower).....	5	Blue	Late Summer	oz. \$1 10
pyramidalis alba.....	5	White	Late Summer	oz. \$1 10
pyramidalis compacta.....	3	Blue	Late Summer	25
pyramidalis compacta alba..	3	White	Late Summer	25
<b>Cassia</b> (Wild Senna) lœvigata..	$3\frac{1}{2}$	Yellow	July, Aug. oz.	50c. 10
Marylandica.....	$3\frac{1}{2}$	Deep yel.	July, Aug. oz.	75c. 10
<b>Centaurea</b> (Cornflower) mon- tana carnea.....	2	Red	Summer	25
montana.....	2	Blue	Summer	10
montana alba.....	2	White	Summer	10
orientalis.....	$2\frac{1}{2}$	Pale yel.	Summer	10
ruthenica.....	$2\frac{1}{2}$	Straw-col.	Summer	10
<b>Chelone</b> (Turtle Head) bar- bata coccinea.....	2	Red	Summer $\frac{1}{2}$ oz.	75c. 10
barbata Torreyi.....	3	Coral red	Summer $\frac{1}{2}$ oz.	75c. 10
Lyonii.....	2	Deep red	Late Sum.	$\frac{1}{2}$ oz. 75c. 10
<b>Chrysanthemum</b> (Moongen- ny Daisy) maximum, Shas- ta.....	$1\frac{1}{2}$	White	Summer $\frac{1}{4}$ oz.	50c. 10
maximum, Princess Henry..	$1\frac{1}{2}$	White	Summer $\frac{1}{4}$ oz.	40c. 10
maximum, Triumph.....	2	Pure wh.	Summer $\frac{1}{4}$ oz.	40c. 10
maximum, King Edward VII	2	Glist. wh.	Summer $\frac{1}{4}$ oz.	75c. 15
<b>Clematis</b> (Virgin's Bower) coc- cinea.....	6	Scarlet	Summer	10
crispæ.....	6	Purple	Summer	10
Davidiana.....	5	Lilac	Summer	10
Flammula.....	10	White	Summer	10
paniculata.....	10 to 30	White	Summer	10
<b>Coreopsis</b> grandiflora.....	2	Rich yel.	Summer oz.	\$1.25 10
lanceolata.....	2	Yellow	Summer $\frac{1}{4}$ oz.	75c. 10
<b>Cowslip</b> ( <i>Primula officinalis</i> )..	1	Yellow	Spring	10
<b>Delphinium</b> (Larkspur) elat- tum hybridum (Bee Lark- spur).....	5	Blue	Summer oz.	\$1.50 10
elatum cœlestinum.....	3	Light bl.	Midsum. oz.	\$1.50 10
formosum.....	3	Dk. blue	Summer oz.	\$1.50 10
formosum cœlestinum.....	3	Sky bl.	Summer $\frac{1}{4}$ oz.	\$1 10
nudicaule.....	$1\frac{1}{2}$	Or.-scar.	Summer	25
Chinense.....	3	Lt. bluc	Midsum. oz.	75c. 10
Chinese album.....	3	White	Midsum. oz.	75c. 10
Zalil (sulphureum).....	$2\frac{1}{2}$	Yellow	Summer	25

		Height feet	Color	Time of flowering	Price per pkt
<b>Dictamnus</b> (Gas Plant, or Burning Bush) <i>fraxinella</i> ..	2	Rosy lilac	June, July	oz. \$1	\$0.10
<i>fraxinella alba</i> .....	2½	White	June, July	oz. \$1	10
<b>Digitalis</b> (Foxglove) <i>gloxiniae-</i>					
<i>flora alba</i> .....	3	White	Summer	oz. \$1.25	10
<i>gloxiniæflora lilacina</i> .....	3	Lilac	Summer	oz. \$1.25	10
<i>gloxiniæflora purpurea</i> .....	3	Purple	Summer	oz. \$1.25	10
<i>gloxiniæflora rosea</i> .....	3	Rose	Summer	oz. \$1.25	10
<i>gloxiniæflora lutea</i> .....	3	Yellow	Summer	oz. \$1.25	10
<i>gloxiniæflora, mixed</i> .....	3	Mixed	Summer	oz. 60c.	10
<i>lanata</i> .....	2	Purplish	Summer		10
<i>purpurea alba</i> .....	3	White	Summer	oz. \$1.50	10
<i>purpurea rubra</i> .....	3	Red	Summer	oz. \$1.50	10
<i>purpurea rosea</i> .....	3	Rose	Summer	oz. \$1.50	10
<i>monstrosa, mixed</i> .....	3	Mixed	Summer	oz. 75c.	10
<i>maculata Iveryana</i> .....	3	Spotted	Summer	oz. \$1	10
<b>Dodecatheon</b> (American Cow-slip) <i>Media</i> .....	1	Red'h pur.	June		25
<b>Doronicum</b> <i>Caucasicum</i> .....	1½	Yellow	Spring		25
<b>Erigeron</b> (Orange Daisy)					
<i>aurantiacus hybridus</i> .....	1	Orange	Early Summer		25
<i>Caucasicus</i> .....	1	Violet	July		10
<i>speciosus</i> .....	2	Mau.&yel.	Early Summer		10
<b>Eryngium</b> (Sea Holly) <i>alpinum</i> .....	2½	Pale blue	August		10
<i>amethystinum</i> .....	3	Amethyst	Summer		15
<i>maritimum</i> .....	1½	White	August		10
<i>planum</i> .....	2½	Lt. blue	August		10
<b>Eupatorium</b> (Thoroughwort)					
<i>ageratoides</i> .....	3 to 4	White		Aug., Sept. oz. \$1.50	10
<i>Fraseri</i> .....	1	White		Late Summer oz. \$1	10
<b>Funkia</b> (Plantain Lily) <i>cærulea</i> .....	2	Blue	Summer		10
<i>cordata aureo-variegata</i> .....	2	White	Summer		10
<i>ovata</i> .....	2	Blue	Summer		10
<i>Sieboldi</i> hybrids.....	2	Mixed	Summer		10
<b>Gaillardia</b> (Blanket Flower)					
<i>grandiflora vera</i> .....	1½	Yellow	Summer	oz. 60c.	10
<i>grandiflora maxima</i> .....	1½	Golden	Summer	oz. 75c.	10
<i>kermesina splendens</i> .....	1½	Crimson	Summer	¼ oz. \$1	10
<i>sulphurea oculata</i> .....	1½	Yellow	Summer	oz. \$1.25	10
<i>Finest Mixed</i> .....	1½	All col.	Summer	oz. 80c.	10
<i>Kelway's New Hybrids, mxd.</i> .....	1½	All col.	Summer	5 pkts. \$1	25
<b>Galega</b> (Goat's Rue) <i>officinalis</i> .....	3	Blue		Early Sum. oz. 75c.	10
<i>officinalis alba</i> .....	3	White		Early Sum. oz. \$1.50	10
<i>officinalis rosea</i> .....	3	Rose		Early Sum. oz. \$1.50	10
<b>Geum</b> (Avens) <i>coccineum</i> .....	1½	Scarlet		Early Sum. oz. \$1	10
<i>coccineum atrosanguineum</i> fl. pl.....	1½	Dbl. scar.	Ely. Sum. ¼ oz.	50c.	10
<i>Heldreichii</i> .....	¾	Orange	Early Summer		25
<b>Gypsophila</b> (Baby's Breath)					
<i>acutifolia</i> .....	2	White	July	oz. 30c.	10
<i>paniculata</i> .....	2	White	Early Sum.	oz. \$1	10
<i>paniculata, double, white</i> ....	1½	White	June, July	5 pkts. \$1	25
<i>repens</i> .....	1	White	Early Summer		10
<b>Helenium</b> (Sneezewort) <i>autumnale</i> .....	6	Yellow		Lt. Sum. ¼ oz. 50c.	10
<i>autumnale superbum</i> .....	6	Yellow		Late Summer	10
<i>Bigelowi</i> .....	3	Yellow		Late Summer	25
<i>Bolanderi</i> .....	2½	Yellow		Late Summer	25
<i>Hoopesii</i> .....	2½	Yellow		Lt. Sum. ¼ oz. 30c.	10
<b>Helianthus</b> (Sunflower) <i>Maximiliani</i> .....	10	Yellow		Late Summer	10
<i>Perennial, Mixed</i> .....	3 to 6	Various		June-Sept.	10
<b>Heliopsis</b> (Orange Flower) <i>Pitcheriana</i> .....	3	Orange		Late Sum. oz. 75c.	10
<i>Riverton Beauty</i> .....	2½	Lem. & blk.	Summer		15
<i>Riverton Gem</i> .....	2¼	Red & gld.	Summer		15
<b>Hesperis</b> (Sweet Rocket) <i>matronalis</i> , White.....	3 to 4	White		Midsum. oz. 50c.	10
<i>matronalis</i> , Lilac.....	3 to 4	Lilac		Midsum. oz. 60c.	10
<i>matronalis nana candidissima</i> .....	2	White		Midsum. oz. \$1.25	10
<i>matronalis, Mixed</i> .....	2	Mixed		Midsum. oz. 50c.	10
<b>Heuchera</b> (Alum Root), <i>Brid-</i>					
<i>zoides</i> .....	2	Rose	Summer		15
<i>hybrida grandiflora</i> .....	2	Pink	Midsummer		25
<i>sanguinea</i> .....	2	Coral red	Midsummer		15
<i>splendens</i> .....	2	Deep red	Midsummer		25
<b>Hibiscus</b> (Marsh Mallow) <i>Africanus</i> , Crimson Eye.....	4	Wh. & crim.	Midsum.	oz. \$1	10
<i>Golden Bowl</i> .....	5	Yellow	Midsum.	oz. \$1	10
<i>moscheutos roseus</i> .....	3	Rose	Midsum.	oz. \$1	10

	Height feet	Color	Time of flowering	Price per pkt.
<b>Hollyhock</b> (Mallow)				
Bunyard's Invincible, Double				
Satin Pink.....	6		Midsum. $\frac{1}{8}$ oz.	50c. \$0.10
Red.....	6		Midsum. $\frac{1}{8}$ oz.	50c. 10
Golden Yellow.....	6		Midsum. $\frac{1}{8}$ oz.	50c. 10
Maroon.....	6		Midsum. $\frac{1}{8}$ oz.	50c. 10
Bright Rose.....	6		Midsum. $\frac{1}{8}$ oz.	50c. 10
Salmon Rose.....	6		Midsum. $\frac{1}{8}$ oz.	50c. 10
Snow White.....	6		Midsum. $\frac{1}{8}$ oz.	40c. 10
<b>Collection of seven varieties, 50c.</b>				
Mixed.....	6		Midsum. $\frac{1}{8}$ oz.	40c. 10
Allegheny Mixed.....	6		Midsum. oz.	\$1 10
Single Finest Mixed.....	6		Midsum. oz.	\$1 10
Chater's Choice Dbl. Mixed..	6		Midsum. $\frac{1}{8}$ oz.	50c. 10
<b>Iberis</b> Gibraltarica.....	1	White	July	10
sempervirens.....	1	White	July	10
<b>Incarvillea</b> (Hardy Gloxinia)				
Delavayi.....	2	Rose	Midsum. $\frac{1}{8}$ oz.	75c. 10
<b>Lavandula</b> (Lavender) vera... $1\frac{1}{2}$	Lavender		Midsum. oz.	60c. 10
<b>Lathyrus</b> (Everlasting Sweet Pea) latifolius, Pink Beauty	10	Pink	Midsum. oz.	40c. 10
latifolius roseus.....	10	Rose	Midsum. oz.	40c. 10
latifolius albus.....	10	White	Midsum. oz.	40c. 10
<b>Leontopodium</b> (Alpine Sun-flower, or Edelweiss) alpinum.....	$\frac{1}{2}$	White	Midsummer	10
<b>Liatris</b> (Blazing Star) scariosa				
præcox.....	$3\frac{1}{2}$	Purple	July-Sept.	10
spicata.....	$2\frac{1}{2}$	Purple	July-Sept.	10
<b>Lobelia</b> (Cardinal Flower) cardinalis.....	2	Fiery red	Aug., Sept.	10
cardinalis Nanseniana.....	2	Fiery red	Aug., Sept.	50
fulgens, Best Hybrids.....	2	Various	Aug., Sept.	25
fulgens, Queen Victoria.....	2	Scarlet	Aug., Sept.	25
syphilitica.....	2	Blue	Aug., Sept.	15
<b>Lupinus</b> (Lupin) arboreus....	4	Yellow	June-Sept.	10
arboreus, Snow Queen.....	4	White	June-Sept.	15
Nootkatensis.....	5	Blue	June-Sept.	25
polyphyllus.....	4	Blue	June-Sept. oz.	25c. 10
polyphyllus aureus.....	3 to 4	Yellow	June-Sept.	50
polyphyllus roseus.....	4	Rose pink	June-Sept. oz.	\$1 10
polyphyllus, mixed.....	4	Various	June-Sept. oz.	25c. 10
<b>Lychnis</b> (Campion) alpina....	$\frac{1}{2}$	Rose	May, June	10
Chalcedonica.....	$2\frac{1}{2}$	Scarlet	May, June oz.	75c. 10
fulgens.....	$2\frac{1}{2}$	Red	May, June $\frac{1}{4}$ oz.	\$1 10
Haageana .....	1	Or.-scar.	May, June $\frac{1}{4}$ oz.	75c. 10
Haageana fol. atropurpurea..	1	Or.-scar.	May, June $\frac{1}{4}$ oz.	75c. 10
viscaria splendens.....	$1\frac{1}{2}$	Deep pink	May, June oz.	50c. 10
<b>Lythrum</b> (Rose Loosestrife)				
roseum superbum.....	$3\frac{1}{2}$	Rose	July-Sept. oz.	30c. 10
salicaria.....	$3\frac{1}{2}$	Purple	July-Sept. oz.	30c. 10
<b>Malva</b> (Mallow) moschata....	5	Crimson	July-Sept. oz.	\$1 10
moschata flora alba.....	5	White	July-Sept. oz.	\$1 10
<b>Monarda</b> (Oswego Tea, or Bee Balm) didyma.....	3	Crimson	July-Sept. $\frac{1}{4}$ oz.	25c. 10
<b>Myosotis</b> (Forget-me-not) alpestris.....	$\frac{1}{2}$	Blue	Spring	$\frac{1}{4}$ oz. 50c. 10
alpestris, Eliza Fonrobert..	$\frac{1}{2}$	Sky blue	Spring	$\frac{1}{4}$ oz. 50c. 10
alpestris, Victoria.....	$\frac{1}{2}$	Sky blue	Spring	$\frac{1}{8}$ oz. 50c. 15
dissitiflora.....	$\frac{1}{2}$	Blue	Spring	10
palustris.....	$\frac{1}{2}$	Blue	Spring	$\frac{1}{8}$ oz. 50c. 15
palustris grandiflora.....	$\frac{1}{2}$	Deep blue	Spring	$\frac{1}{8}$ oz. 50c. 15
semperflorens.....	1	Deep blue	Sp., Aut.	$\frac{1}{8}$ oz. 40c. 15
Royal Blue.....	1	Roy. blue	Spring	$\frac{1}{8}$ oz. 85c. 15
<b>Enothera</b> (Evening Primrose)				
Fraseri.....	$1\frac{1}{2}$	Yellow	June-Sept.	10
fruticosa major.....	2	Gold.yel.	June-Aug. oz.	75c. 10
fruticosa Youngii.....	$1\frac{1}{2}$	Yellow	June-Aug.	25
Lamarckiana.....	2	Gold. yel.	June-Aug. oz.	25c. 10
Missouriensis (macrocarpa)..	1	Gold. yel.	Summer	10
rosea Mexicana.....	$1\frac{1}{2}$	Pink	Summer	10
taraxacifolia alba.....	$1\frac{1}{2}$	White	Summer	10
<b>Papaver</b> (Poppy) alpinum,				
Mixed.....	1	Various	Summer	10
bracteatum hybridum.....	$2\frac{1}{2}$	Red	Summer oz.	\$1 10
bracteatum Livermere.....	$2\frac{1}{2}$	Crimson	Summer $\frac{1}{4}$ oz.	50c. 10
involucratum maximum.....	$2\frac{1}{2}$	Red	Summer oz.	50c. 10
nudicaule (Iceland Poppy), mixed.....	1	Mxd. col.	Summer oz.	\$1.50 10
orientale, Blush Queen.....	3	Pink	Summer $\frac{1}{8}$ oz.	40c. 10
orientale, Brightness.....	3	Scarlet	Summer $\frac{1}{8}$ oz.	40c. 10

## PAPAVER (Poppy)—Continued

	Height feet	Color	Time of flowering	Price per pkt.
<b>Papaver</b> (Poppy) <i>orientale</i> ,				
Brilliant.....	3	Crimson	Summer $\frac{1}{4}$ oz.	50c. \$0.10
<i>orientale</i> , Colosseum. Brillant, deep scarlet; immense flowers, 7 to $7\frac{1}{2}$ in. across.....	3	Crimson	Midsum. $\frac{1}{8}$ oz.	40c. 10
<i>orientale</i> , Goliath.....	3	Crimson	Midsum. $\frac{1}{4}$ oz.	60c. 10
<i>orientale</i> , Grand Mogul.....	3	Crimson	Midsum. $\frac{1}{4}$ oz.	60c. 10
<i>orientale</i> , Mammoth. Bright scarlet flowers; borne on 4-ft. stems.....	25			
<i>orientale</i> , Parkmanni.....	3	Scarlet	Midsum. $\frac{1}{8}$ oz.	25c. 10
<i>orientale</i> , Prince of Orange..	3	Orange	Midsum. $\frac{1}{8}$ oz.	30c. 10
<i>orientale</i> , Royal Scarlet.....	3	Scarlet	Midsum. $\frac{1}{4}$ oz.	60c. 10
<i>orientale</i> , Salmon Queen.....	3	Salmon	Midsum. $\frac{1}{8}$ oz.	40c. 10
<i>orientale</i> , Trilby.....	3	Salmon	Midsum. $\frac{1}{8}$ oz.	35c. 10
<b>Pentstemon</b> (Beard Tongue)				
<i>Gloxinioides</i> .....	3	Mixed	Ju.-Au. 3 pkts.	\$1.25 50
<i>Digitalis</i> .....	3	Pure wh.	June-Aug. oz.	50c. 10
<i>pubescens</i> .....	3	Rosy pur.	June-Aug.	10
<i>Hartwegii grandiflorus</i> .....	3	Mixed	June-Aug.	25
<b>Physalis</b> (Chinese Lantern Plant) <i>Franchetti</i> .....	2	Or.-scar.	Fall	$\frac{1}{4}$ oz. 30c. 10
<b>Physostegia</b> (False Dragon Head) <i>speciosa</i> .....	3½	Pink	Midsum. $\frac{1}{4}$ oz.	50c. 10
<i>speciosa alba</i> .....	3½	White	Midsum. $\frac{1}{4}$ oz.	50c. 10
<b>Pink</b> (Clove Carnation) <i>Mrs. Sinkins</i> .....	1	White	Summer	50
<i>Homer</i> .....	1	Scarlet	Summer	50
<b>Platycodon</b> (Chinese Bellflower). (See also <i>Wahlenbergia</i> )				
<i>Mariesii</i> .....	1	Blue	June-Oct.	10
<i>Mariesii album</i> .....	1	White	June-Oct.	10
<b>Polemonium</b> (Jacob's Ladder)				
<i>cæruleum album</i> .....	1	White	June-Oct.	oz. 75c. 10
<i>cæruleum grandiflorum</i> .....	1	Deep blue	June-Oct.	oz. 50c. 10
<i>Richardsonii</i> .....	1	Sky blue	June-July	oz. \$1 10
<b>Polyanthus</b> ( <i>Primula elatior</i> )				
Blue (10 in.).....			Spring	25
English(selected strain) 10 in. Mixed			Spring	$\frac{1}{4}$ oz. 50c. 10
Gold-laced, ex. choice, 10 in. Mixed			Spring	25
Giant White.....	1		Spring	$\frac{1}{8}$ oz. \$1 25
Giant Yellow.....	1		Spring	$\frac{1}{8}$ oz. \$1 25
Giant Crimson.....	1		Spring	25
Giant Mixed.....	1		Spring	$\frac{1}{8}$ oz. \$1 25
<b>Polyanthus—Primrose</b>				
(Bunch-flow'd). Large-flow'd mixed.....	1	Various	Spring	25
<b>Primrose</b> , Large-flowered....	1	Various	Spring	25
English ( <i>Primula vulgaris</i> ). .	1	Yellow	Spring	10
<b>Primula cortusoides amœna</b>				
(Sieboldi). 10 in.....		Various	Spring	25
denticulata. 10 in.....		Lavender	Spring	15
denticulata alba. 10 in.....		White	Spring	15
denticulata Cashmeriana....	1	Deep vio.	Spring	50
frondosa.....	½	Lilac-pur.	Spring	50
Japonica. 10 in.....		White	Spring	15
officinalis (Cowslip).....	1	Yellow	Spring	10
rosea. 10 in.....		Rose	Spring	15
Sikkimensis.....	1½	Pale yel.	Spring	50
<b>Pyrethrum</b> <i>roseum</i> .....	2	Rose	Spring	$\frac{1}{4}$ oz. 60c. 15
Kelway's Hybrids, Single....	2	Mixed	Spring	$\frac{1}{4}$ oz. 60c. 15
Kelway's Hybrids, Double. .	2	Mixed	Spring	25
uliginosum.....	3	White	Midsum. $\frac{1}{4}$ oz.	35c. 10
<b>Rudbeckia</b> (Coneflower) bi-color superba.....	2	Or. yel.	July-Sept. oz.	75c. .10
laciniata.....	3 to 5	Yellow	July-Sept.	15
Neumannii.....	5	Or. yel.	July-Sept. $\frac{1}{4}$ oz.	75c. 15
purpurea hybrida.....	5	Purple	July-Sept. $\frac{1}{8}$ oz.	75c. 15
<b>Scabiosa Caucasia</b> (Hardy Blue Scabious).....	2	Lavender	Summer	$\frac{1}{4}$ oz. \$1 10
Caucasica perfecta.....	2	Dark blue	Summer	25
Caucasica perfecta alba.....	2	White	Summer	25
<b>Statice</b> (Sea Lavender) <i>incana</i>				
hybrida nana. 4 in.....		Violet	June-Sept.	10
latifolia.....	2	Blue	June-Sept.	10
Sinensis.....	2	Blue	June-Sept.	10
Gmelini.....	2	Violet bl.	June-Sept.	10
<b>Stokesia cyanea</b> (Hardy Blue Aster).....	2	Blue	July-Oct. $\frac{1}{4}$ oz.	50c. 10

	Height feet	Color	Time of flowering	Price per pkt.
<b>Sweet William</b> Auricula-eyed.	1½	Mixed	June-Sept.	oz. 75e. 10
Dark Crimson.....	1½		June-Sept.	oz. 75c. 10
Maroon.....	1½		June-Sept.	oz. 75c. 15
Newport Pink.....	1½		June-Sept.	10
Pure White.....	1½		June-Sept.	oz. 75c. 10
Red.....	1½		June-Sept.	oz. 75c. 10
Scarlet.....	1½		June-Sept.	oz. 75e. 10
Violet.....	1½		June-Sept.	oz. 75c. 10
Finest Mixed Single.....	1½		June-Sept.	oz. 50c. 10
Giant Double Finest Mixed.	1½		June-Sept.	oz. \$1.50 10
Double Rose.....	1½		June-Sept.	15
Scarlet Beauty.....	1½	Scarlet	June-Sept.	15
Sutton's Scarlet.....	1½		June-Sept.	50
<b>Tritoma</b> (Red-Hot Poker; Flame Flower). New sorts, mixed.....	4	Mixed	Summer	10
<b>Trollius</b> (Globe Flower) Cau- casicus (Golden Globe) ...	2	Yellow	Summer ¼ oz.	75c. 10
Japonicus fl. pl.....	2	Dbl. yel.	Summer	25
New Hybrids.....	2	Mixed	Summer	10
<b>Valeriana</b> (Spurred Flower)				
coccinea.....	2	Scarlet	June-Oct.	oz. 50c. 10
montana.....	2	Pink	June-Oct.	¼ oz. \$1 10
rubra.....	2	Red	June-Oct.	oz. 50c. 10
rubra flora alba.....	2	White	June-Oct.	oz. 50e. 10
<b>Verbascum</b> (Mullein) Blat- taria alba.....	4	White	July-Sept.	10
Libani.....	4	Yellow	July-Sept.	10
Olympicum.....	6	Yellow	July-Sept.	10
Phœnicum .....	1½	Purple	May, June	10
<b>Veronica</b> (Ironweed) candida..	2	White	July-Aug.	10
incana.....	1	Blue	July-Aug.	10
spicata.....	1½	Vio.-blue	July-Aug.	oz. \$1.50 10
<b>Viola cornuta</b> (Tufted Pansies)				
alba.....	½	White	Spring	oz. \$3.50 10
Papilio.....	½	Lilac	Spring	oz. \$3.50 10
Perfection.....	½	Blue	Spring	oz. \$3.50 10
White Perfection.....	½	White	Spring	oz. \$3.50 10
lutea.....	½	Yellow	Spring	oz. \$3.50 10
lutea splendens.....	½	Orange	Spring	oz. \$3.50 10
Purple Queen.....	½	Purple	Spring	oz. \$3.50 10
Rose Queen.....	½	Rosy lilac	Spring	25
Mixed.....	½	Mixed	Spring	oz. \$2 10
odorata (Sweet Violet).....	½	Blue	Spring	¼ oz. 75c. 10
<b>Viola hybrida</b> (Bedding Pansies)				
Mars. White, small yellow eye.....	½		oz. \$2.00	50
Ardwell Gem. Large, rayless flower; primrose.	½		oz. 2.00	50
Bullion. Golden yellow.....	½		oz. 2.50	1.00
John Querton. Deep lavender.....	½		oz. 2.00	50
Marchioness. Pure white.....	½		oz. 2.00	50
Rober. Lavender, flaked white.....	½		oz. 2.00	50
Mixed.....	½		oz. 1.50	25
<b>Wahlenbergia</b> (Japanese Bell- Flower) grandiflora.....	1½	Blue	Summer	oz. 75c. 10
grandiflora alba.....	1½	White	Summer	¼ oz. 75c. 10
grandiflora alba plena.....	½	Dbl. wh.	Summer	½ oz. \$1 10
grandiflora eærulea plena....	1½	Deep bl.	Summer	½ oz. \$1 10
grandiflora nana.....	½	Blue	Summer	½ oz. \$1 10
grandiflora nana alba.....	1	White	Summer	½ oz. \$1 10
<b>Wallflower</b> (Half-Hardy)				
Single Fine Mixed.....	1½	Mixed	Summer	oz. 60e. 10
Double Finest Mixed.....	1½	Mixed	Summer	10

## ORNAMENTAL GRASSES

The best 10 Perennial Varieties, collection, 90c.; single pkt. 10c.

## MISSING

If there are any old favorites which you know  
are missing from this list, drop us a line and we  
will procure them (not substitute) for you

*From The New York Evening Journal*

## Growing Nickels and Dimes in Back Yards and Vacant Lots

A Crop That Costs Nothing but Labor and Brings a Sure Harvest Every Season

Copyright, 1915, Star Company.

The Agricultural Department of the United States Government, which does for plants what some department as yet unborn ought to do for children, conducts an experimental farm in one of the big vacant lots owned by the Government in Washington.

Here are raised potatoes, cabbages, onions, beets, turnips, lettuce, cauliflower and a hundred other things that the soil is always ready to produce as food for mankind.

This Spring the directors of this farm have announced that almost anybody can raise vegetables if there is a back yard or a vacant lot handy in which to raise them.

And as in every city, however densely populated it may be, there are always back yards or vacant lots, the words of the Agricultural Department are well worth heeding.

More wonderful than the greatest factories, with their powerful engines and intricate, almost human machinery, is the soil that pads the surface of the earth.

Here the sun, supplying the energy, and the rain, acting as a circulating medium, bring from the tiny seeds grown by last year's plants practically every requisite of the human body.

Little assistance is needed. The growing vegetables ask a trifle of fertilizer to supply them with nitrogen, which the plants need as we need air, and a careful policing of their neighborhood so that thieving weeds shall not steal their food from them.

The fertilizer can be supplied by street sweepings. The policing must be done with a sharp hoe, which kills off the pirate weeds and leaves the useful plants free to take their meals without molestation.

In one of the New York public schools last year a teacher, who had herself watched the miracle of seed and harvest time, taught her pupils something about gardening.

In little boxes she planted the seeds of vegetables of all sorts, and when they had thrust up out of the ground she distributed the baby plants, which were taken home by the pupils to raise.

Some of them were grown in back yards and vacant lots. Some of them were brought up in boxes kept on fire escapes.

Most of them grew and thrived and became real vegetables like those that bring good prices in the grocery store. And at the beginning of the Fall term, when the returns were all in, it was found that the pupil-gardeners had among them raised fifty dollars' worth of food that Summer. In other words, they had created fifty dollars in wealth that but for the thought of an intelligent woman would not have existed.

In every great city—even in such crowded cities as New York and Chicago—there are hundreds, sometimes thousands, of acres of land which produce nothing.

In the suburbs surrounding the cities are more thousands of acres.

And all these acres, if planted now, and cultivated carefully for the next few months, could be made to yield a revenue that would be of vast assistance to many families in keeping down the cost of living.

With a greatly increasing population the food problem becomes harder and harder to solve. In the next twenty-five or thirty years the man or woman who knows how to raise something to eat will be independent.

Scientific farming has become a real profession, and one that can be learned in the open air, which is an advantage over few other professions.

By starting their own gardens, no matter how small they may be, people can awaken an interest in vegetable growing among their children, an interest which in many cases may lead to a profitable career.

War stricken Europe would today be starving were it not for the wonderful knowledge of gardening possessed by its people, who can make a few acres yield enough to keep a family in food for a year.

The soil of America, even that of American cities, is better than that of Europe, and it can be made still better by work and fertilization.

With a little garden on every waste lot, a big municipal garden on the waste acres owned by the city, and a fair-sized garden in every suburban back yard, there would be little danger of poverty in any American city.

It is a plan well worth trying, for it promises certain results. But it must be started now, when Earth is waking up from its long sleep, or much of its enjoyment and profit will be lost.

# BUNYARD'S SELECT LIST OF INVINCIBLE VEGETABLE SEEDS

## *For the Busy Man*

The following list of vegetable seeds is compiled for the "Busy Man," the "Commuter" and "others," who "just want a few vegetables for the 'small garden' or 'back yard,' and who have not the time to study through a long list, and just want a few 'good things.'"

1 Pt.	Green Beans.	A good variety.....	\$0.20
1 "	Wax Beans.	A good variety.....	.20
½ "	Bush Limas.	A good variety.....	.10
½ "	Pole Beans.	A good variety.....	.10
1 Pkt.	Beet, Model Globe.....		.10
1 "	Early Cabbage, Wakefield.....		.05
1 "	Late Cabbage, Drumhead.....		.05
1 "	Midseason Cabbage, All Seasons.....		.05
1 "	Carrot, Early, Scarlet Horn.....		.05
1 "	Carrot, Late, Danvers.....		.05
1 "	Corn, Early, Golden Bantam.....		.10
1 "	Corn, Midseason, Stowell's Evergreen.....		.10
1 "	Corn, Late, Country Gentleman.....		.10
1 "	Cucumber, White Spine.....		.05
1 "	Endive, Curled.....		.05
1 "	Leek, Prizetaker.....		.10
1 "	Lettuce, Early, May Queen.....		.05
1 "	Lettuce, All Summer, California Butter.....		.05
1 "	Melon, Musk, Rocky Ford.....		.05
1 "	Melon, Water, Cole's Early.....		.05
1 Pt.	Onion Sets, White or Yellow.....		.20
1 Pkt.	Onion, White.....		.05
1 "	Onion, Yellow.....		.05
1 "	Parsley, Moss Curled.....		.05
1 "	Parsnip, Hollow Crowned.....		.05
*1 Pt.	Peas, Early, Early of Earlies.....		.20
*1 Pt.	Peas, Main Crop, Gradus or Prosperity.....		.20
*These require no brush.			
1 Pt.	Peas, Late, Telephone.....		.20
1 Pkt.	Radish, Scarlet, Turnip-shape.....		.05
1 "	Radish, White-tipped, Sparkler.....		.05
1 "	Spinach, Early, Triumph.....		.05
1 "	Spinach, Late, New Zealand.....		.05
1 "	Squash, Hubbard.....		.05
1 "	Tomato, Matchless, or Ponderosa.....		.10
1 "	Turnip, Snowball.....		.05

\$3.00

This collection mailed or expressed to any part of the United States for \$2.75, or if carried from our store, \$2.50 net.

If you have not the facilities for starting plants, buy Cabbage, Lettuce, Egg-Plant, Celery, etc., about April 1st.

N.B.—If you will tear this sheet from the catalogue, "tick off" the varieties you require, mail it, or leave it at our store, 40 West 28th St., N. Y. City: it will be mailed, expressed, or handed to you the same day.

### *Announcement*

Should you kindly favor us with an order, you may use this catalogue as an order sheet, mailing it in the enclosed return envelope, paying first-class postage thereon to the amount of 10c., and which you may deduct from your remittance (if the order amounts to 50c. or more), in which case we will send you a new catalogue with your order.

Write in the front margin the quantity before each article required, and upon the outer margin the amount. This will facilitate your making the order and will help us to fill it for you promptly and with the least possible chance of error. If you cannot do it today, file for future reference.

Thanking you in anticipation. Yours faithfully,

HARRY A. BUNYARD, President.

# Bunyard's Select List of INVINCIBLE VEGETABLE SEEDS

## *Safety First*

The following varieties of vegetables comprise all a gardener really needs. There are other "names," but in the final analysis one wants good vegetables, not "names." No doubt you will miss a few, but the popular, essential and necessary types and varieties are here—the result of analysis and a weeding out of superfluous and superseded sorts. However, should you miss an old favorite, we will procure it (not substitute) for you.

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**Non-Warranty.** Harry A. Bunyard Co., Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sends out, nor will it be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

### ARTICHOKE

*Artichoke*      *Artichaut*      *Alcachofa*

**Large Globe, or Paris.** The finest of all globe Artichokes.  
Pkt. 10c., oz. 60c.,  $\frac{1}{4}$  lb. \$2.00.

**French Globe.** The standard sort. Pkt. 25c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.

### ASPARAGUS

*Spargel*      *Asperge*      *Esparrago*

**Colossal.** The standard sort. Oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

**Early Giant Argenteuil.** Earlier, more regular and better yielder than Conover's Colossal. Oz. 10c., lb. \$1.25.

**Palmetto.** Of southern origin. Bright green; very desirable.  
Oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**ASPARAGUS ROOTS.** See page 73.

### BEANS

Pkts. of all varieties of Beans, 10c. each, postpaid

#### BUSH LIMA BEANS

**The "Burpee-Improved" Bush Lima.** The pods are truly enormous in size, borne in great abundance upon bushes  $2\frac{1}{2}$  feet high by 2 feet across. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c., 2 qts. \$1.00,  $\frac{1}{2}$  pk. \$1.90, pk. \$3.50.

**Fordhook Bush Lima.** Both pods and beans are twice the size of Dreer's. Pkt. 10c., pt. 35c., qt. 60c., 2 qts. \$1.00,  $\frac{1}{2}$  pk. \$1.90, pk. \$3.50.

**Burpee's Bush Lima.** An immense yielder, with handsome, large pods, well filled with large beans. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.75.

**Dreer's Bush Lima.** This valuable bush Bean possesses all the good qualities of the Dreer's Pole Lima. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.75.

**Henderson's Bush Lima.** Enormously productive, bearing continuously throughout the Summer, until killed by frost. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.75.

**Dreer's Wonder Bush Lima.** The plants are upright and compact in growth, and are completely covered with large pods. Pkt. 10c., pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.50.

## DWARF, or BUSH BEANS

### GREEN-PODDED VARIETIES

**Masterpiece** (Sutton's). The comparative trials in our experimental grounds leave no room for doubt as to its superiority. The plant is robust in constitution, unusually prolific, and the long pods are straight, handsome and tender. Pkt. 15c., pt. 60c., qt. \$1.00. **Sutton's** (Original packages), pt. 75c.

**Bountiful**. Selected. Remarkably early. Exceedingly prolific. Long, green pods, always solid, tender and delicious flavor. Pt. 30c., qt. 60c.,  $\frac{1}{2}$  pk. \$2.00, pk. \$3.75.

**Canadian Wonder**. Selected. More vigorous than most other dwarf Beans; large pods. A favorite for table and exhibition. Very prolific; do not sow too thickly. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.50.

**Sutton's Plentiful**. A perfectly distinct dwarf Bean, bearing an abundant crop of long, broad pods, which have the advantage of being practically stringless. One of the earliest varieties, and we confidently recommend it for all gardens, especially where forcing is practised. Pt. 30c., qt. 60c.,  $\frac{1}{2}$  pk. \$2.00, pk. \$3.75.

**Burpee's Stringless Green Pod**. This variety is earlier than Long Yellow Six Weeks. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.50.

**Earliest Red Valentine**. At least ten days earlier than the Early Red Valentine and is usually ready to pick in thirty-five days from time of planting. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.50.

**Early Mohawk**. Long, flat pods; early, hardy, productive. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.50.

**Long Yellow Six Weeks**. Very early and productive; full and flat pods. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.50.

**Mammoth Stringless Green-Pod**. The earliest of all green-podded sorts, and produces large, handsome pods, some of which measure fully 6 inches in length. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.50.

**Ne Plus Ultra**. An extra-early sort. Green, full, flat pods; exceedingly productive; one of the best for forcing under glass. Pt. 30c., qt. 50c., pk. \$3.50.

**Triumph of the Frames**. A good variety for forcing or early outdoor work. Produces a mass of pale green pods; is very dwarf, prolific, and of rich, tender quality. Pt. 40c., qt. 80c.,  $\frac{1}{2}$  pk. \$2.50, pk. \$4.75.

**Valentine, Black**. Pt. 25c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.75.

## WAX-POD DWARF, or BUSH BEANS

Pkts. of all varieties of Beans, 10c. each, postpaid

**Burpee's New Kidney Wax**. Hardier and more prolific than the popular Wardwell's Kidney Wax, with even handsomer pods of better quality. Pt. 25c., qt. 45c., 2 qts. 85c.,  $\frac{1}{2}$  pk. \$1.60, pk. \$3.00.

**Hodson Wax**. The pods are late in maturing and are unusually free from blight or rust. Pkt. 10c., pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.50.

**Currie's Rust-proof Black Wax**. Pods long, flat and straight, of beautiful, golden color. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.50.

**Improved Black Wax**. Perfectly round pods; very early and productive. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.50.

**Improved Golden Wax**. Free from rust, larger in pod and more prolific than the old variety. Pt. 25c., qt. 50c.,  $\frac{1}{2}$  pk. \$1.75, pk. \$3.25.

**Michigan White Wax**. This Bean will, no doubt, prove of exceptional value, as there has been a demand for a good, white-seeded Wax Bean. Pkt. 10c., pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.50.

**Refugee Wax**. Suitable for early and late sowing. Long, round, yellow, wax pods. Pt. 20c., qt. 40c.,  $\frac{1}{2}$  pk. \$1.50, pk. \$2.50.

**Wardwell's Dwarf Kidney Wax**. It produces a heavy crop of wax pods which are long, flat, showy and not liable to rust. Pt. 30c., qt. 60c.,  $\frac{1}{2}$  pk. \$2.25, pk. \$4.00.

**POLE, or RUNNING BEANS***One quart will plant 100 hills.***POLE BEANS, LIMA**

**Burpee's Giant-podded.** Is the largest-podded and heaviest cropper of all Limas. The pods are truly gigantic in size—frequently measuring from 7 to 8½ inches in length, and 1½ to nearly 2 inches in width. ½ pt. 20c., pt. 40c., qt. 70c., 2 qts. \$1.25, ½ pk. \$2.25, pk. \$4.00.

**Early Leviathan.** This Lima ripens earlier than any other pole variety, and produces the pods in large clusters. The pods are long and straight, and contain four and five beans. Pt. 20c., qt. 40c., ½ pk. \$1.50, pk. \$2.75.

**Dreer's Improved Pole Lima.** A great improvement upon the large Lima, being more productive and better. Pt. 20c., qt. 40c., ½ pk. \$1.50, pk. \$2.75.

**Extra-Early Jersey Lima.** This variety is ten days earlier than the ordinary variety, while it is equal in flavor and productiveness. Pt. 20c., qt. 40c., ½ pk. \$1.50, pk. \$2.75.

**POLE BEANS, GREEN-PODDED**

**Improved Kentucky Wonder.** *Old Homestead.* An improved variety of this well-known Bean. Pods long, green and flat. Pt. 20c., qt. 40c., ½ pk. \$1.50, pk. \$2.75.

**Scarlet Runner.** Re-selected. A great favorite, both ornamental and useful. Bright scarlet flowers. Used both as a String and Shell Bean. Pt. 40c., qt. 75c., ½ pk. \$2.50, pk. \$4.50.

**ENGLISH DWARF BROAD BEANS***Feve de Marias      Haba      Breite Bohnen*

**Culture.**—Sow in drills 2 feet apart, as early in the Spring as the ground can be worked (these are as hardy as Peas), in order to get them into pod before the heat of Summer. When in pod, break off the top of the plant to check the growth. Plant and hoe the same as for dwarf Beans. A strong soil suits them best. Properly cooked, these Beans form one of the most delicious vegetables. To each half gallon of water allow one heaped tablespoonful of salt. The Beans should be young and freshly gathered. After shelling, put them into boiling water, salted as above. Boil rapidly for fifteen or twenty minutes, then serve with a sauce of Parsley and butter. Boiled bacon is often served with the beans.

**Broad Windsor.** Largest and best of the class. Pt. 15c., qt. 30c., ½ pk. \$1.00, pk. \$1.75.

**BEETS***Salatrübe      Betterave      Remolcha*

*One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre.*

The soil best suited for Beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin out to stand 6 inches apart in rows. Continue for a succession as late as the middle of July.

**Early Model Red Globe Beet.** This Beet is perfect in shape, has a very small tap-root, very little foliage; is very early and of a deep, rich color, and should take the place of all Globe or flat, round Beets. Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00.

**Crimson Globe.** Globular shape; flesh rich, deep crimson, tender and sweet. Pkt. 5c., oz. 10c., ¼ lb. 35c., lb. \$1.00.

**Edmand's Early Blood Turnip.** Deep blood red, sweet and tender in quality; highly recommended as second-early. Pkt. 5c., oz. 10c., ¼ lb. 35c., lb. \$1.00.

**Eclipse.** Early; flesh deep blood red, firm and sweet. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.

**Fireball.** Brilliant red flesh, solid, sweet, crisp; perfect ball shape; very early. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.

**Crosby's Egyptian.** A selection from Early Egyptian, which retains the earliness of the parent stock; rapid grower and can be sown outside as late as July. Pkt. 5c., oz. 10c., ¼ lb. 35c., lb. \$1.00.

**Electric.** Extra-early; nearly round variety; bright red. Fine table quality. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.

**Long Smooth Blood.** Large, late, deep blood red; best for Winter. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.

## SWISS CHARD

**Green Lyon Swiss Chard.** The leaves are used as a Spinach, and the midrib of the leaf, cooked and served up like Asparagus, is delicious. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Silver Lyon Swiss Chard.** We offer this as being the finest white-ribbed Chard in cultivation. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Giant Lucullus Swiss Chard.** Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

## BORECOLE, or KALE

Kraußföh Chou veri Frise Col

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating Cabbage.

**Dwarf Green Curled Scotch.** One of the best. Very hardy, and improved by moderate frost. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Dwarf Brown.** A beautifully curled variety, with spreading foliage; hardy and of fine flavor. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Tall Green Curled Scotch.** The best for Winter; very hardy. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

## BRUSSELS SPROUTS

Rosenföh Chou de Bruxelles Berza de Brusels

Sow in hotbeds in March or April, and in the open ground in May. Cultivate same as Broccoli and Cabbage.

**Bunyard's Exhibition.** Specially selected English variety; fine for exhibition purposes; very dwarf. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Improved Dwarf.** A dwarf variety; early; produces numerous heads, which are very tender and of fine flavor. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Long Island Improved.** The finest variety; of vigorous growth and producing handsome, solid, round Sprouts of the best quality. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

## CHERVIL

Rosenlauch Cerfeuil Perifollo

**Curled.** The young leaves are used for flavoring. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.

**Tuberous-rooted.** Prepared for the table like Carrots. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

## CABBAGE

Kohf Chou Berza

For very early use sow in January or February in hotbeds; prick out when plants are strong enough into other hotbeds; or sow in coldframes in March, transplant to the open ground when danger from killing frosts is passed, in rows 2 feet apart and 18 inches in row. For succession sow in open ground the last of March, or early in April. The Autumn and Winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July, in rows 2½ feet apart and 2 feet in the row. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed. The late plants are subject to attacks of the cabbage-fly, which destroys them as fast as they appear above ground. To preserve the plants, sprinkle them with wood ashes, air-slaked lime, plaster, slug-shot or tobacco dust early in the morning while the plants are wet with dew.

**Copenhagen Market.** (Genuine Danish-grown Seed). Undoubtedly the finest, large, round-headed early Cabbage. The heads average about 10 pounds each in weight, are very solid and of fine quality. It matures as early as Wakefield. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**CABBAGE—Continued**

**Early of Earlies.** This is, by test, the earliest Cabbage of all, being ready two weeks ahead of Early Jersey Wakefield under the same conditions; is tender and as sweet as Asparagus in flavor; attractive; maturing for the table in a remarkably short time. Leaves are pale green, close and compact, and the heads are, in shape, very conical. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.

**Danish Roundhead.** A new, late variety, which matures earlier than the Danish Ball Head. The heads are round and have a short stalk, and for solidity this variety is ahead of all others. The interior leaves are pure white and of sweet flavor. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Enkhuizen's Glory.** Large, early white, very solid. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Danish Ball Head.** (Winter.) Round, solid, Winter sort. A fine shipper. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Summer Ball Head.** Danish Summer Ball Head is equally as hard as the original type, Danish Roundhead, and its keeping qualities are not surpassed by any warm-weather Cabbage. It is to be regarded as a second-early sort, coming to maturity long in advance of the parent type. Its earliness will make it available for all Summer. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**All-Head Early.** A good keeper of fine quality and certain to head, even in the most unfavorable seasons. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.75.

**All-Seasons.** Very popular as a second-early. The heads are large, solid, and keep well in Winter. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**Improved Early Summer.** Best second-early. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Improved Extra-Early Jersey Wakefield.** Selected stock. Standard early variety; conical in shape; medium-sized heads; very solid; few outside leaves. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Large Late American Drumhead.** One of the largest, most solid and best keeping late varieties; good quality. Pkt. 5c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Premium Flat Dutch.** A popular, late variety; its keeping qualities are unsurpassed. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Succession.** Improved. One week later than Early Summer, but is double the size, handsome, large and a sure header. Pkt. 5c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Winnigstadt.** Large and solid; one of the best for general use. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**RED CABBAGE**

**Bunyard's Red Ball.** This Cabbage we consider a great improvement upon all existing sorts. It makes very solid, half early, extra thin-ribbed heads of medium size, of an exceedingly dark red color, and only few leaves in proportion to the heads. Pkt. 10c., oz. 60c.

**Earliest Dwarf Blood-Red.** Quite a distinct dwarf, compact, pickling Cabbage of tender quality, deep blood red in color. When sown in the Spring it comes in with the early Autumn Cabbages. Differs entirely from the ordinary Blood-Red. Pkt. 10c., oz. 50c.

**Mammoth Rock Red.** Very large; one of the best heading Red Cabbages for pickling. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**SAVOY CABBAGE**

**American Drumhead Savoy.** For Winter use unsurpassed; heads large, solid, tender. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Perfection Drumhead Savoy.** Certainly the finest, and largely grown on Long Island for the New York market. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

# CARROT

Mohre    Carotte    Zonahoria

**Culture.**—Carrots, to grow to perfection, require a rich, deep, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 4 inches in the row; sow for main crop in June and July.

*One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre.*

**Improved Long Red Surrey.** (Imported English seed). One of the finest for exhibition purposes. Our stock has been selected with the greatest possible care. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Carentan.** Extra-early, half-long; coreless; red flesh. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Chantenay Half-Long Scarlet.** Stump-rooted variety; broad-shouldered. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Danvers Half-Long.** The most popular sort, both for market and family use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Extra-Early Parisian Forcing.** Extra-early; suitable for forcing or open ground. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.25.

**Early Scarlet Horn.** Medium size; agreeably flavored. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Guerande, or Oxheart.** An immense cropper. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Half-Long Stump-rooted.** Main crop; early and productive. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Half-Long Nantes.** Intermediate size. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**New Intermediate, or St. Valery.** Improved. Very productive. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

# CAULIFLOWER

Blumenkohl    Chou Fleur    Coliflor

A good, rich soil is essential for the successful cultivation of this delicious vegetable; our most experienced cultivators, however, acknowledge the advantage of a cool, moist season. Pursue the same general directions as recommended for growing Cabbage, watering liberally during dry weather. An occasional application of liquid manure is beneficial.

*One ounce will produce 3000 plants.*

**Bunyard's Extra-Early Snowball.** The finest and earliest Cauliflower in cultivation. Grand for exhibition and table purposes. Pure white; firmest texture; cannot be too highly recommended. Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.50, oz. \$5.00.

**Dry Weather.** This grand variety of Cauliflower is especially adapted for sections subject to long, dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture, which is required by other sorts. The heads grow to a large size, are very solid, pure white, and of delicious flavor. Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.25, oz. \$4.00.

**Early Snowball.** One of the earliest and most reliable sorts. Dwarf and compact form. Pkt. 25c.,  $\frac{1}{4}$  oz. 75c., oz. \$2.50.

**Extra-Early Dwarf Erfurt.** A favorite early market variety, having compact heads of fine quality. Pkt. 15c.,  $\frac{1}{4}$  oz. 75c., oz. \$2.25.

**Improved Erfurt, Earliest Dwarf.** One of the earliest and most desirable varieties. Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.00, oz. \$3.50.

# CHICORY

**Witloof.** Known in restaurants as French Endive. Sow in May and June in drills. Transplant or thin to 6 inches; treat as Endive, except that late in Summer or Fall it should be gradually banked up like Celery. The stalks, when blanched, make delicious salad. It is used by the French as a boiled vegetable. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Large-rooted Magdeburg.** These roots are the Chicory of commerce. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Endive, or French Chicory.** See page 59.

# CELERY

*Sellerie      Celeri      Apios*

*One ounce will produce 5000 plants.*

Sow in the open border as soon in April as the ground can be worked. Transplant 4 inches apart, into temporary beds of soft, rich soil, where they will soon acquire sufficient strength for planting out in beds. Plant in rows 3 feet apart, and set 6 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening that which is wanted for early use.

**Fin de Siecle.** This is the largest, hardiest, solidest, crispest, best-keeping Winter Celery. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Giant Pascal.** Fine-keeping, late sort. The stalks are thick, solid and crisp; golden yellow heart. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Golden Self-Blanching.** (Imported French Seed). Requires earthing up more than the White Plume. Rich, golden yellow; crisp, tender and of fine flavor. Keeps well throughout the season; French-grown seed. Pkt. 10c., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.50.

**Improved White Plume.** A valuable early variety; requires very little labor in blanching; one of the best for early use. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.50.

**Pink Plume.** Stems very solid and crisp; extra-early and a long keeper. It requires but a slight earthing up. Pkt. 10c., oz. 50c.

**Winter Queen.** Very large, solid green Winter sort; blanches well. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Celery Seed.** For flavoring soups. Lb. \$1.00.

## CELERIAC, or TURNIP-ROOTED CELERY

**Celeriac, Apple.** Has small foliage and small, smooth roots; for soups. Celeriac may be stored like Beets, and will keep all Winter. Pkt. 5c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.50.

**Large Erfurt.** A standard variety, producing Turnip-shaped roots. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Large Smooth Prague.** The finest variety yet introduced. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

# CRESS

*(Pepper Grass)*

*Kreijje      Cresson      Bara o Mastuerzo*

Sow thickly in shallow drills, early in the Spring and at intervals throughout the season for a succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

*One ounce will sow 150 feet of drill.*

**Extra Triple Curled.** The best variety; leaves beautifully cut and curled; highly prized for garnishing. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

## WATER CRESS

This wholesome salad may be grown in any moist situation, but more successfully by the edge of a running brook. Sow in May, on the ground where it is intended to be grown, and the thinnings transplanted.

**True Sweet Water Cress.** *Erfurt.* The best sort. Pkt. 10c., oz. 50c.

# CORN

## SWEET or SUGAR

Buckworn Mais Maiz

We supply pkts. of Sweet Corn at 10c. each, postpaid

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill. The extra-early varieties can be planted 18 inches in the row and 2½ feet between the rows. In elevated and mountainous districts we would recommend the Early and Second-Early sorts only, and plantings to be made not later than June 20 to July 1.

*One quart will plant 200 hills; 8 to 10 quarts to an acre, in hills.*

### EXTRA-EARLY

**Golden Bantam.** The fact that the grains of this variety are yellow is an indication of hardiness and its value for early planting and early maturity. It is a rapid grower, and produces ears measuring about 5 inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. It is a fine variety for the home garden. Pkt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.00.

**First of All.** It matures from three days to a week earlier than the Cory. The small ears are well filled with quite large grains, frequently having from ten to twelve rows. The plant is so dwarf that we recommend sowing seed thinly in drills. Pkt. 10c., pt. 15c., qt. 25c., ½ pk. 80c., pk. \$1.50.

**Howling Mob.** Is ready for use only three to five days later than the extra-early Cory when both are planted at the same time, but the ears are so much larger in size, while the grains are much whiter and sweeter. Pkt. 10c., pt. 20c., qt. 35c., ½ pk. \$1.25, pk. \$2.00.

**Early Cory.** A very early variety, with good-sized ears. Pt. 15c., qt. 25c., ½ pk. 75c., pk. \$1.25.

**Metropolitan.** Large, handsome ears of fine quality; very early. Pt. 20c., qt. 30c., ½ pk. \$1.00, pk. \$1.75.

**Seymour's Sweet Orange.** A vigorous grower, attaining a height of 6 to 7 feet, and producing generally two good-sized ears to a stalk. It matures about a week later than Golden Bantam and is fully equal to it in the deliciousness of its flavor. Pt. 20c., qt. 30c., ½ pk. 90c., pk. \$1.60, bus. \$5.50.

### SECOND-EARLY, or INTERMEDIATE

**Early Champion.** Very large ears, considering its earliness. Pt. 15c., qt. 25c., ½ pk. 75c., pk. \$1.25.

**Early Evergreen.** A week earlier than Stowell's Evergreen. Pt. 15c., qt. 25c., ½ pk. 75c., pk. \$1.25.

**Long Island Beauty.** Very early; large size. Pt. 15c., qt. 25c., ½ pk. 75c., pk. \$1.25.

**Potter's Excelsior, or Squantum.** Good sized ears of fine quality. Pt. 15c., qt. 25c., ½ pk. 75c., pk. \$1.25.

**White Evergreen.** Two, and even three, fine ears are frequently produced on each stalk. Pt. 15c., qt. 25c., ½ pk. 85c., pk. \$1.50.

### GENERAL CROP

**Stowell's Evergreen.** Selected stock. One of the most popular varieties. Pt. 15c., qt. 30c., ½ pk. 85c., pk. \$1.50.

**Zig-Zag Evergreen.** About ten days earlier than Stowell's Evergreen. Color pure white; very sweet. Pt. 15c., qt. 30c., ½ pk. \$1.10, pk. \$2.00.

**Black Mexican.** Very sweet and of superior flavor; grains black. Pt. 15c., qt. 30c., ½ pk. 85c., pk. \$1.50.

**Country Gentleman.** Same as Ne Plus Ultra, but with large ears. Pt. 15c., qt. 30c., ½ pk. 85c., pk. \$1.50.

**Sweet Fodder Corn.** For soilage and green fodder. Pt. 10c., qt. 20c., ½ pk. 40c., pk. 75c., bus. \$2.75.

### FIELD CORN

For the leading and best varieties, see page 72.

# CUCUMBER

Gurken    Concombre    Pepino

*One ounce will plant 50 hills; 2 pounds will plant one acre.*

Sow in the open ground as soon as the weather is settled and warm, and again every two weeks for a succession. For pickles, sow from the middle of June to the first week in July. Sod land, turned over in the Fall, is the best for them. Plant in hills 4 feet apart, putting a shovelful of well-rotted manure in each hill.

**Bunyard's Selected White Spine Improved.** A very handsome and uniform early variety. It is very productive, crisp and of fine flavor. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Cool and Crisp.** Extra early and very prolific; long, straight, slender and very dark green; good either for pickling or slicing. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.

**Davis Perfect.** As a forcing Cucumber, the Davis has no equal outside of the English varieties. The color, shape and flavor equally recommend it, and as a Cucumber for outside growing it is one of the most prolific. The fruit is straight and free from "bulge" and often measures 12 inches. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Early Green Cluster.** Fruit small and in clusters; very prolific. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Fordhook Famous.** The finest flavored of all; true White Spine type. Smooth and very dark green; the handsome fruits measure 12 to 18 inches long. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Green Prolific Pickling.** One of the best for pickling; dark green. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**West India Gherkin.** Used for pickling only. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$2.00.

## ENGLISH CUCUMBERS

For Frames or Forcing Under Glass

Pkts. contain from 10 to 15 seeds, according to sort

**Improved Telegraph.** Rich, dark green. The finest type of Telegraph Cucumber in cultivation, quick in growth, handsome, with very small neck; unusually prolific. Has taken numerous first prizes at leading exhibitions. Pkt. 25c., and 50c.

**Duke of Edinburgh.** Very large and long; dull green; quite smooth. Pkt. 25c.

**Sutton's Delicacy.** Fruit dark green, slightly ribbed, with an almost invisible white spine; handle unusually small. As an exhibition Cucumber, Delicacy must command attention. The usual length is about 18 inches. Pkt. 75c.

**Sutton's King George.** The fruits are usually handsome and perfect in form; they are of good length, dark in color, slightly ribbed, with small black spines and scarcely any "handle." Pkt. 75c.

**Sutton's Matchless.** One of the most prolific varieties. Fruit smooth, dark in color, excellent in form, of the highest quality, and has proved a success on the exhibition stage. First-class certificate Royal Horticultural Society. Pkt. 50c.,

# EGGPLANT

Gierpflanze    Aubergine    Berengena

Sow in hotbeds the first week in April; protect the young plants from cold at night. Plant out June 1,  $2\frac{1}{2}$  feet apart. If no hotbed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in flower-pots or boxes in the house.

*One ounce will produce 1000 plants.*

**Improved New York Spineless.** A vastly superior type; the plants are of low, stocky, branching habit and absolutely free from spines. It is a very early and continuous producer of handsome, purple fruits of the largest size and finest quality; the plants usually bear eight to ten immense fruits before being killed by frost. Such fruits as are large enough may be picked and stored in a warm, dry place at the approach of frosty nights, and they will keep in good condition for some time. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**EGGPLANT—Continued**

**Early Black Beauty.** This beautiful Eggplant is a great improvement over the well-known and largely grown New York Improved Large Purple. The plants are remarkably healthy in their growth, and produce an abundance of large fruits fully ten days earlier than the New York Improved. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Early Long Purple.** Early, hardy and productive. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**ENDIVE, or CHICORY**

Endivie Chicoree *Endivia o Escarola*

*One ounce will sow 200 feet of drill.*

**Broad-leaved Batavian.** *Escarolle.* This variety is chiefly used in soups and stews; requires to be tied up for blanching. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Green Curled.** The hardest variety grown; beautifully curled, tender and crisp. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Moss Curled.** More finely curled, heavier and more dense plant than Green Curled. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**White Curled.** Very tender when cut young; blanches readily. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**LEEK**

Laudy Potreau *Puerro*

Sow early in April, in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September; plants transplanted in the Spring.

**Bunyard's Prizetaker.** The long, thick, pure white stems have a most attractive appearance, and to the merit of immense size may be added the advantage of a mild, agreeable flavor. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.

**Prizetaker (Sutton's).** Original. Pkt. 75c.

**Large American Flag.** The most desirable for market or family use. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**KOHLRABI**

Rohlrabi Chou-Rave *Colinabo*

*One ounce will sow 200 feet of drill.*

Combines the virtues of the Turnip and Cabbage, but excels both in nutritive, hardy and productive qualities. The seed may be sown in June, in rows 18 inches apart, and the plants thinned out to 8 or 10 inches.

**Early White Delicious.** The finest variety for frames and early work. Does not get tough and woody. Highly recommended for all purposes. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Early Short-leaved White Vienna.** The earliest and best table variety. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Early Short-leaved Purple Vienna.** Similar to the preceding, except in color, which is of a bluish purple. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**MARTYNIA**

Gemsenhorn

The seed-pods are used for pickling, when gathered young and tender. Sow in the open ground in May, in hills 3 feet apart each way, or in hotbed, and afterward transplant.

**Proboscidea.** Pkt. 5c., oz. 60c.,  $\frac{1}{4}$  lb. \$2.00, lb. \$7.50.

**MUSTARD**

Senf Moutarde *Mostaza*

Green Mustard imparts a delightfully pungent flavor to various forms of prepared salads. Sow at frequent intervals throughout the Spring, in drills from 8 to 12 inches apart.

**White London.** The best variety for salads; a seasoning for pickles. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

# LETTUCE

Lattich, oder Gartensalat      Laitue      Lechuga

Sow the seed in hotbeds in February or March, and transplant into a sheltering border with a southern exposure. For successive crops, sowing may be made in the open ground as early as the Spring opens, and continuing until July. Always thin out well, or the plants will not be strong. When wanted as cut salad, sow the seed thickly in rows or broadcast.

*One ounce will produce about 3000 plants.*

**All Seasons.** Seed planted in the open ground April 25th makes fine heads by July 3d. The closely folded, large, solid heads measure 8 inches across. The outer leaves are a bright, soft green; the finely blanched inner leaves are a rich golden yellow, tender and mild in flavor. The heads are broad and nearly flat at the top; they continue to increase in size for about two weeks after they are ready for use. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**May King.** This grand Lettuce is of great value, owing to its rapid development, fine, tender quality and size, growing on an average about three-fourths of a pound. The color is a light green, with yellow heart. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Black-seeded Simpson.** Large, light in color, tender and crisp. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 75c.

**Burpee's Earliest Wayahead.** This wonderful Lettuce shows a remarkable combination of earliness, firm-heading character, handsome appearance and fine quality. Both in coldframes early in the Spring and in the open ground—in Spring, Summer and early Fall months—it has proved to be not only the very earliest and surest heading of all early Lettuces we have ever grown, but also of the very finest quality at all seasons. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Boston Market.** Solid, crisp and compact; one of the best for forcing. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Big Boston.** Same in color, shape and general appearance as the Boston Market, but double the size. One week later in maturing. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**Giant Crystal Head.** Large and solid, inside leaves crystal white, crisp and tender. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 75c.

**Hartford Bronzed-Head Cabbage Lettuce.** It forms large, compact heads of a beautiful, dark bronze-red color, shading to a dark green toward the root. Cut in halves, the heart is a rich cream yellow. Pkt. 5c.,  $\frac{1}{2}$  oz. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Hittinger's Belmont.** A superior forcing variety of white-seeded Lettuce. Large heads and fine quality. Pkt. 10c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**Iceberg.** Large, solid heads, tender and crisp. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 75c.

**California Cream Butter.** A splendid variety for Summer. It produces a very large and white head. It will stand extreme heat and is slow to go to seed. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Grand Rapids Forcing.** Regarded in the West as the best forcing and shipping variety. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**Mignonette.** Distinct russet color, heart very solid and compact. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c.

## ROMAINE LETTUCE

**Bunyard's White Heart.** The most perfect Romaine Lettuce; compact, tender and crisp. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c.

**Trianon Cos.** Long, narrow leaves, which form solid heads. It excels all other Lettuce in quality, having a taste and crispness unequaled. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Paris White Cos.** One of the finest varieties for Summer use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Express Cos.** Dwarf, compact sort, requiring no tying up. Pkt. 5c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**PURE-CULTURE MUSHROOM SPAWN**Champignonbrut      Blanc de Champignon      *Seta*

Produces Mushrooms in four weeks, superior as to quality and size, and more surely than any other Spawn.

Price of Bunyard's Pure-Culture Mushroom Spawn, per brick 35c., by mail 45c.; 5 bricks \$1.75, 10 bricks \$3.00, 25 bricks \$6.25, 50 bricks \$12.00, 100 bricks \$20.00. Cultural directions free, if required.

**ENGLISH MILLTRACK MUSHROOM SPAWN**

Fresh from the most celebrated maker in England. Made in bricks.

*Ten pounds will spawn 10 feet square.*

Lb. 15c., 8 lbs. \$1.00, 100 lbs. \$10.00.

"How to Grow Mushrooms" (*Falconer*), \$1.00, postpaid.

**MELON, MUSK**Bucke Melone      Melon Francais      *Melon*

Cultivate in hills, which should be 5 to 6 feet apart each way and composed of light, moderately rich soil. Plant in May, ten seeds to the hill, and when the plants are well up, thin out to three. Pinch the ends of the growing shoots to induce early fruiting.

**Emerald Gem.** (Selected.) Medium size; skin smooth, deep emerald green; flesh salmon color, delicious flavor. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**Burrell's Gem.** Color of flesh beautiful, dark salmon or orange. Skin is rather dark green, and rind thin, leaving a thick lining of flesh which is of most delicious, juicy flavor, and fairly melts in the mouth. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Fordhook** (Burpee's). This variety fully equals Emerald Gem and is rough-netted. The flesh is thick, color deep salmon, and surpassingly luscious in flavor. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Extra-Early Hackensack.** Is of superior quality. Early. Flesh light green and of delicious flavor. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Long Island Beauty.** On style of Hackensack. The earliest and finest in quality, and the most beautiful of all Muskmelons. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Netted Gem.** (Round.) Very early, small, but of fine flavor. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Rocky Ford.** One of the most popular. Oval, slightly ribbed, densely covered with coarse netting; flesh thick, green, very sweet and high flavored. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**The Christmas Melon, Casaba.** This variety is now seen in all the leading fruit stores. A vigorous grower and an enormous yielder; produces Melons of large size and of unsurpassed flavor; skin is green until the fruits begin to ripen, when it turns to a light yellow; white flesh, rich and luscious and from 2 to 3 inches thick. Splendid for warm climates. Pkt. 10c., oz. 50c.

**ENGLISH MUSKMELONS**

For Frames or Forcing Under Glass

**Sutton's Perfection.** A valuable Melon; flesh green; plant strong in constitution and sets fruit freely. Pkt. 50c.

**Sutton's Royal Jubilee.** A splendid, oval, green-fleshed Melon, raised at the Royal Gardens, Windsor. Skin almost white, handsomely netted. Pkt. 50c.

**Sutton's Scarlet.** Form globular, with a rich, golden skin, beautifully netted; flesh of exceptional depth, rich in color and of exquisite flavor. Pkt. 75c.

**Sutton's Universal.** Fruits large, with an attractive yellow skin, boldly netted. Flesh exceptionally deep, melting, and most excellent in flavor. Pkt. 50c.

## ENGLISH MUSKMELONS—Continued

**Sutton's King George.** A very distinct Scarlet-fleshed Melon, skin buff yellow, finely and evenly netted, presenting a remarkably handsome appearance. Flesh of extraordinary thickness, surpassing that of other varieties. The fruits often attain a weight of 5 to 8 lbs., and the flavor of a well-ripened specimen is so rich that it cannot fail to be highly appreciated. Pkt. 50c.  
**Sutton's Superlative.** Fruit of medium size, almost round, and very handsomely netted. Flesh scarlet, merging into a beautiful green tint near the skin, and so thick that the fruit is practically without a cavity. Pkt. 75c.

	Pkt.
<b>Blenheim Orange.</b> Searlet flesh.....	\$0.50
<b>Invincible Scarlet.</b> Scarlet flesh.....	.50
<b>Hero of Lockinge.</b> White flesh.....	.50
<b>Sutton's A 1.</b> Originator's stock.....	.75
<b>Veitch's Eminence.</b> Award of Merit from the Royal Horticultural Society. This exceedingly fine seedling Melon was raised at the Royal Gardens, Windsor, from a cross between the green-fleshed "Shamrock" and "Hero of Lockinge" (white flesh). Pkt. 75c.	

## MELON, WATER

Wässermelonen      Melon d'Eau      Zandia

Cultivated in hills, which should be 6 to 8 feet apart each way. Plant in May, ten seeds to a hill, and when the plants are well up, thin out to three. Pinch the ends of the growing shoots to induce early fruiting. They prefer a light, rich soil.

**Cole's Early.** Ripens delicious Melons in northern states, where Melons never matured before. Just as valuable for middle and southern states, ripening Melons weeks before any other. The beautiful, bright red flesh is crisp and of delicate texture—granulated, cool and sparkling. In flavor it is lusciously sweet and refreshing. The Melons are not large, seldom over 12 inches in length by 9 inches in diameter, but what they lack in size is more than made up in number and solidity. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Kleckley Sweets.** Exceedingly sweet and fine-flavored; dark green skin, thin rind; flesh solid, scarlet and firm. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 85c.

## OKRA, or GUMBO

Gébarer Gibish      Gombaud      Quinbombo

One ounce will plant 100 hills.

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart, in drills.

**Improved Dwarf Green.** Very early; smooth pods. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 85c.

**Perkins' Perfected Long-Pod.** An excellent variety. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 85c.

**White Velvet.** Tender, long, white pods, smooth, delicately flavored. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 85c.

## ONIONS

Zwiebeln      Ognon      Cebolla

One ounce for 100 feet of drill; 5 to 6 pounds for one acre.

The ground should be prepared the previous Autumn by spading deeply, using plenty of well-rotted barnyard manure. Sow the seed as early in Spring as practicable, in shallow drills 1 foot apart, covering with fine soil, which should be pressed down by the use of a light roller or the back of a spade. When the young plants are strong enough, thin out to 4 inches apart.

**Ailsa Craig.** Unrivaled for perfection of form, size and weight; pale yellow in color. In competition with other varieties Ailsa Craig has won a series of important prizes absolutely without a parallel. Sutton's stock, in original sealed packets; pkt. 75c. Selected stock: Pkt. 10c.,  $\frac{1}{4}$  oz. 30c., oz. 85c.,  $\frac{1}{4}$  lb. \$3.00.

## ONIONS—Continued

**Bountiful.** A remarkable Onion for size, quality and productiveness. In style it is really an improved and selected type of the Onion Ailsa Craig. Specimens have been exhibited weighing  $2\frac{1}{2}$  pounds. Unlike many Onions of large size at maturity, it is solid to the core, and for flavor and delicacy it is not equaled in the long list of Onions. To produce extra large Onions, sow early in January. Pkt. 10c.,  $\frac{1}{4}$  oz. 30c.,  $\frac{1}{2}$  oz. 50c., oz. 85c.,  $\frac{1}{4}$  lb. \$3.00.

**Early White Barletta.** Small, pure white variety; delicate silver skin, flesh firm and mild in flavor. Its great merit is its extreme earliness. For pickling purposes it is unequalled. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Extra-Early Flat Red.** Fully ten days earlier than the Large Red Wethersfield; of mild flavor, and a good keeper. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Large Red Wethersfield.** Grows to a large size; very productive and an excellent keeper. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Mammoth Silver King, or Giant White Garganus.** Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Prizetaker.** Rich straw color, and of enormous size, averaging 12 to 14 inches in circumference. Although of such great size, is hard, and an excellent keeper. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Southport Red Globe.** Large, handsome, globular; very productive, fine quality. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Southport White Globe.** Handsome, globular Onion of mild flavor; good keeper. One of the best. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**The Queen.** Silver-skinned variety; rapid growth, mild flavor and fine keeping qualities. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Yellow Globe Danvers.** Early, round, very small neck; fine-grained, mild flavor, immensely productive and an excellent keeper, and one of the best for general use. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Yellow Danvers.** Early, of mild flavor and keeps well. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

## CHOICE ONION SETS

Prices subject to market changes

(Very scarce this season)

Onion Sets should be planted out as early in the Spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 2 or 3 inches apart in the row.

**Red.** Qt. 20c.,  $\frac{1}{2}$  pk. 75c., pk. \$1.25.

**White.** Qt. 20c.,  $\frac{1}{2}$  pk. 75c., pk. \$1.25.

**Yellow.** Qt. 20c.,  $\frac{1}{2}$  pk. 75c., pk. \$1.25.

**Shallots.** Qt. 30c., pk. \$1.75.

**Garlic.** Lb. 25c., 10 lbs. \$2.00.

**Chives.** See Vegetable Plants, page 73.

## PARSNIP

Bastinata      Panais      Chirivia

Sow as early in the Spring as the weather will permit, in drills 5 inches apart and  $\frac{1}{2}$  inch deep, in rich, deep soil; thin out to 4 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over Winter for Spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock, as well as for table use.

*One ounce for 200 feet of drill; 5 to 6 pounds for an acre.*

**Improved Hollow Crown.** A great improvement on the old hollow-crowned variety, being quite distinct from it; good shape; smooth root; flesh soft and melting; as a table or exhibition variety is unsurpassed. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Early Round.** Adapted to shallow soils; very early and of good flavor. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**The Student.** A fine-flavored variety; recommended for small gardens. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**PARSLEY****Petersilie****Persil****Perejil**

Parsley requires a rich, mellow and rather deep soil. Sow early in Spring in drills 1 foot apart and  $\frac{1}{2}$  inch deep, previously soaking the seeds a few hours in tepid water, to facilitate germination. Thin out the young plants to 4 inches.

**B.'s Dwarf Perfection.** A very dwarf, compact variety, excellent for garnishing. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Triple Moss-Curled Parsley.** The variety "Elegantissima" of all the Parsleys. Immensely double, dense and compact leaves. A superb variety for garnishing. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Extra-Double Curled.** A beautifully curled, dwarf variety, highly esteemed for garnishing. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Fern-leaved.** Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 90c.

**Hamburg, or Rooted.** Extensively grown for its roots, which are used in flavoring soups. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**BUNYARD'S ENGLISH-GROWN PEAS**

packets of Peas will be furnished 10c. postpaid

*One quart will plant about 100 feet of drill.*

Sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra-early varieties as early as the ground can be worked in February or March, and continue for a succession every two weeks until June. Those marked with a (\*) are wrinkled marrows and, unless otherwise stated, should be sown thicker than the round Peas, and not till the ground has become warm, as they are more liable to rot.

English-grown Peas can always be relied upon as absolutely true, free from "rogues," hand-picked, all imperfect seeds being rejected, thus insuring a greater strength and vigor of the vines, and a clean, handsome and more profitable crop.

**FIRST DIVISION, or EXTRA-EARLY PEAS****DWARF VARIETIES**

(12 to 25 inches in height)

**Early of Earlies.** 2 feet high, of healthy, vigorous growth; white, round seed and very hardy. The pods  $3\frac{1}{2}$  to 4 inches long, appear in great quantities and mostly in pairs. Pt. 30c., qt. 60c.,  $\frac{1}{2}$  pk. \$2.25, pk. \$4.00, bus. \$15.00.

**Earliest May.** One of the earliest and most productive Peas in cultivation. Height 20 to 25 inches. Pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25, bus. \$9.00.

**Excelsior** (Sutton's). Ready for picking with American Wonder. Quite equal to many of the marrowfat Peas. Height  $1\frac{1}{2}$  feet. Pt. 25c., qt. 50c.,  $\frac{1}{2}$  pk. \$2.00, pk. \$3.50, bus. \$12.00.

**\*Laxtonian.** One of the earliest Peas in existence, being ready to gather green one or two days before Gradus or Thomas Laxton. It is a true marrowfat, having the richness and quality of the best main-crop varieties. In all respects the greatest advance yet made in dwarf early Peas, and likely to remain so for some years to come. Pt. 30c., qt. 60c.,  $\frac{1}{2}$  pk. \$2.25, pk. \$4.00, bus. \$15.00.

**\*American Wonder.** Early and productive; fine quality. Height 1 foot. Pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25, bus. \$9.00.

**\*Nott's Excelsior.** Splendid, early, wrinkled sort, very prolific. Height 1 foot. Pt. 20c., qt. 35c.,  $\frac{1}{2}$  pk. \$1.25, pk. \$2.25, bus. \$9.00.

## FIRST DIVISION, OR EXTRA EARLY PEAS—Continued

## TALL VARIETIES

(2½ to 4 feet)

**\*Gradus, or Prosperity, Selected Extra-Early.** The stock of our improved Gradus Pea has been selected for us by one of the leading Pea specialists in England. The merits of this Pea over the existing variety are its extreme earliness, productiveness and continued bearing. Height about 3 feet, and of robust growth. Pods are large and well filled, containing at times as high as ten peas, which are sweet and tender, and remain so for several days after being gathered. Pt. 20c., qt. 35c., ½ pk. \$1.30, pk. \$2.50, bus. \$10.00.

**Early Bird.** A round-seeded Pea of the Gradus type, embodying the hardiness of a round variety, with the flavor and size of pod of Gradus. A grand Pea, the greatest advance in round varieties since the advent of Telegraph. It is a vigorous, branching plant, growing 3 feet in height. Pt. 30c., qt. 60c., ½ pk. \$2.25, pk. \$4.00, bus. \$15.00.

**\*Incomparable.** One of the finest garden Peas yet offered. Haulm robust, freely branched, producing a marvelous display of handsome, dark green pods, filled with large and delicious peas. Much valued both for the table and the exhibition stage. Height, 3 to 4 feet. Pt. 30c., qt. 60c., pk. \$4.00.

## SECOND DIVISION, SECOND-EARLY PEAS

**Quite Content.** A tall-growing exhibition variety. The haulm is medium dark; about 5 feet, with large, straight, medium-dark pods, from 5 to 6 inches in length, containing nine to ten peas in a pod; good flavor; an excellent variety for second-early use. It is exceedingly prolific, and the pods hang mostly in pairs. Height 5 to 6 feet. Pt. 30c., qt. 60c., ½ pk. \$2.25, pk. \$4.00, bus. \$15.00.

**\*Peerless Marrowfat (Sutton's).** The robust habit, profusion of very large and well-filled, deep green pods, combined with the remarkable size and superb flavor of the peas, are qualities which have insured its popular position. Height, 3 feet. Pt. 25c., qt. 50c., ½ pk. \$2.00, pk. \$3.50, bus. \$12.00.

**\*The Senator.** A grand, new second-early, productive of large, luscious, very wrinkled peas. The handsome, large, round pods are curved and always well filled with from seven to ten peas in a pod; quality excellent, sweet and tender even when the peas are large. The vines grow 3 to 4 feet high and carry a large crop of delicious peas. Pt. 25c., qt. 40c., ½ pk. \$1.50, pk. \$2.75, bus. \$10.00.

**\*Champion of England.** A well-known standard variety; sow thickly. Height 4 feet. Pt. 20c., qt. 40c., ½ pk. \$1.50, pk. \$2.75, bus. \$10.00.

**Duke of Albany.** Immense pods on style of Telephone. Height 5 feet. Pt. 25c., qt. 40c., ½ pk. \$1.50, pk. \$2.75, bus. \$10.00.

**\*Stratagem.** Very large pods; peas of the first quality. Height 2 feet. Pt. 25c., qt. 40c., ½ pk. \$1.50, pk. \$2.75, bus. \$10.00.

**\*Telephone.** Enormous pods and peas of the best quality. An old standard sort. Height 5 feet. Pt. 25c., qt. 40c., ½ pk. \$1.50, pk. \$2.75, bus. \$10.00.

**\*Thomas Laxton.** A cross between Gradus and one of the extra-early sorts. It ripens within a day or two of the earliest round varieties and is very productive. The pods are large, and contain seven or eight large-sized, wrinkled peas of the finest flavor. Height 3 feet. Pt. 25c., qt. 40c., ½ pk. \$1.50, pk. \$2.75, bus. \$10.00.

## THIRD DIVISION, LATE-CROP PEAS

**\*Alderman.** An improved Telephone; very useful for exhibition. One of the finest Peas ever put on the market. A customer said, "Next year I shall grow only two Peas, and one is Alderman." Height 5 feet. Pt. 25c., qt. 50c., ½ pk. \$2.00, pk. \$3.50, bus. \$12.00.

## THIRD DIVISION, LATE-CROP PEAS—Continued

**\*Mammoth Marrowfat.** This, undoubtedly, is the largest Pea in cultivation, with larger pods than any Pea heretofore introduced—pods running from 6 to 7 inches in length, filled with peas not unduly large, of the true marrowfat flavor. Mammoth Marrowfat may be considered a second-early or main-crop Pea; the height is from 5 to 6 feet. Mammoth Marrowfat is a heavy cropper and exceedingly prolific, the pods hanging mostly in pairs; the constitution is wonderfully vigorous and hardy, far excelling, in this respect, many of the marrow varieties; the color of both pods and haulm is a rich, velvety green—to be exact, one might call it a Mammoth Alderman. Pkt. 40c., qt. 75c.,  $\frac{1}{2}$  pk. \$2.75, pk. \$5.25, bus. \$20.00.

## PEPPER

Pfeffer      Piment      *Pimiento*

Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild, sweet varieties, like Red Apple and Ruby King, are used for Mangoes, while the small-fruited sorts are the best for sauces. Sow in hotbeds in March or April, or in a warm, sheltered border in May, and, when season is favorable, transplant in rows 2 feet apart and 18 inches in row, in good, rich ground.

**Selected Chinese Giant.** Double the size of Ruby King, this is one of the largest and finest mild red Peppers. Not only is it intensely productive, but "it is as sweet as an Apple," and unusually thick-skinned. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.

**Early Neapolitan.** This variety is nearly two weeks earlier than any other large, mild Pepper. Fruit may be gathered the last of June from seed sown early in Spring. The first fruits average  $4\frac{1}{2}$  inches in circumference by 4 inches long—the later fruits growing a little larger; they are thick-meated and unusually mild and sweet. The flesh and skin are bright red. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Upright Sweet Salad.** Of recent introduction. Handsome, productive, and of finest quality. The color is bright scarlet and the flesh thick, mild and very sweet. The Peppers are as large as Ruby King, and are all borne upright, clear of the ground. The flesh is so thick and the skin so tender that it may be fried like a beefsteak, and so sweet that it may be eaten like an Apple. Pkt. 10c., oz. 45c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.50.

**Celestial.** A beautiful variety from China, with upright pods, conical in shape, and varying in color from a delicate, creamy yellow to vivid scarlet. Pkt. 5c., oz. 25c.

**Cherry Red.** Small, round fruit, of a rich, glossy scarlet color, and extremely piquant. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Chili.** True. Very piquant and prolific; small, slim fruits, generally used for making Pepper sauce. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Large Bell, or Bull Nose.** A large, early variety, of pleasant flavor. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Sweet Spanish.** Large, mild, used for salad. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Sweet Mountain, or Mammoth.** Similar to the Bull Nose, but larger, sweeter and of milder flavor; extensively used for Mangoes. Pkt. 5c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

## POTATOES

(Price Governed by Market)

Northern-grown expressly for seed

**Dibble's New Russet.** A large, round, white variety. Best for main crop. We sent samples of this variety to several leading gardeners last Spring, and the general report is that it is a wonderful cropper and an excellent all-round Potato. Pk. 85c., bus. \$3.00, bbl. \$6.00.

**POTATOES—Continued****EARLY VARIETIES**

**Beauty of Hebron.** Slightly flesh-colored skin, with pure white flesh. Very productive and of the finest quality; a first-class early variety.  $\frac{1}{2}$  pk. 50c., pk. 85c., bus. \$3.00, bbl. \$6.00.

**Bovee.** Extra-early; very productive; of fine quality; flesh white and very dry.  $\frac{1}{2}$  pk. 50c., pk. 85c., bus. \$3.00, bbl. \$6.00.

**Early Rose.** Popular market sort; very early; fine quality; very productive.  $\frac{1}{2}$  pk. 50c., pk. 85c., bus. \$3.00, bbl. \$6.00.

**Irish Cobbler.** One of the best extra-early varieties; very large, white, and heavy cropper; of excellent quality.  $\frac{1}{2}$  pk. 50c., pk. 85c., bus. \$3.00, bbl. \$6.00.

**Noroton Beauty.** Table quality is superb; the earliest and best all-round Potato in existence. Yields as heavily as any of the medium-early sorts.  $\frac{1}{2}$  pk. 50c., pk. 85c., bus. \$3.00, bbl. \$6.00.

**INTERMEDIATE AND LATE VARIETIES**

**Carman No. 1.** The finest second-early Potato ever offered.  $\frac{1}{2}$  pk. 50c., pk. 85c., bus. \$3.00, bbl. \$6.00.

**Gold Coin.** Splendid for main crop; remarkably productive; finest table quality; slightly oblong; light golden skin; flesh pure white, fine-grained; cooks very dry.  $\frac{1}{2}$  pk. 50c., pk. 85c., bus. \$3.00, bbl. \$6.00.

**Green Mountain.** Oval shape; white skin and flesh; excellent; heavy yielder.  $\frac{1}{2}$  pk. 50c., pk. 85c., bus. \$3.00, bbl. \$6.00.

**Rural New Yorker No. 2.** Very few and shallow eyes; pure white skin and flesh; immense yielder; fine table quality.  $\frac{1}{2}$  pk. 50c., pk. 85c., bus. \$3.00, bbl. \$6.00.

## PUMPKIN

Große Kürbis

Potiron

Calabaza

One ounce will plant 50 hills; 3 seeds to the hill.

**Connecticut Field.** Very productive. Oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Japan Crookneck.** Quality excellent, fine keeper. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Jumbo.** The largest variety grown, often attaining a weight of 200 pounds. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$1.75.

**Large Cheese.** The best for cooking purposes. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Large Tours, or Mammoth.** Grows to an immense size, often weighing over 100 pounds. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Sugar.** Smaller than the Large Cheese. One of the best for the table or feeding of stock. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Winter Luxury.** One of the best for pies. Keeps well. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

## RADISH

Radieschen, Rettig

Radis, Rave, Petite Rave

Rabano

For an early supply, sow in January and February in hotbeds, keeping well ventilated. In May they may be sown out of doors. Make successive sowings every two weeks. Radishes should make a rapid growth.

**Bunyard's Snapshot.** This is the earliest round Radish in existence; can be gathered fourteen days from time of sowing. Color intense crimson scarlet; of the true Turnip shape form. Crisp as a Cucumber. For a quick, early Radish it is unsurpassable. Pkts. only 10c., 3 for 25c.

**Crimson Giant.** This variety is suitable for either forcing or early planting out of doors. A remarkable feature of this Radish is that it will grow double the size of other round, red, forcing Radishes, and still remain solid. In shape this new Radish is round to oval and is very attractive. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Cooper's Sparkler.** A quite distinct, new sort of a beautiful, rich, carmine-scarlet color, with a pronounced tip of pure white. Good for forcing. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**RADISH—Continued**

- Giant Butter.** New forcing Radish; round, short-leaved, scarlet. Owing to its short leaves it may now be successfully used for forcing. Pkt. 25c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.
- Long Icicle.** Pure white; of fine flavor; suitable for forcing. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.
- Ne Plus Ultra.** Early scarlet, fine for forcing; short foliage. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.
- Olive-shaped French Breakfast.** Pink and white; early. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.
- Olive-shaped Deep Scarlet.** Crisp; very early. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.
- Turnip, Early Scarlet.** Crisp and beautiful; very early. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.
- Winter Long Black Spanish.** The popular Winter sort. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.
- Winter Improved Half-Long Black Spanish.** Very fine strain. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.
- Winter Round Black Spanish.** Fine for Winter. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**RHUBARB**

*Culture.*—Sow seed in a coldframe, in a fine, rich, sandy loam, about the 1st of March, in drills 4 inches apart. Keep the frames covered during nights and cold days, so that the soil will not freeze, and in six to eight weeks the plants will be large enough to set in the open ground. Transplant to a rich soil, and set in rows 12 inches apart and 12 inches in the row. The following Spring transplant again to a permanent location, setting 4 to 5 feet apart each way. In good soil, Rhubarb is ready to use the second year from seed. When roots are set out plant them 4 to 5 feet apart each way, and keep weeds down. If roots are used, a crop may be had after one season, which is much better than sowing seed where only a few plants for family use are needed. In the Fall, the bed should have a thick dressing of coarse manure, to be spaded under in Spring.

**Crimson Winter.** A grand California variety, of excellent quality and color; cooks red. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$2.00.  
**Victoria.** Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**RHUBARB ROOTS.** See page 73.

**SPINACH**

Spinat      Espinard      *Espinaca*

Sow in early Spring, in drills a foot apart (10 to 12 pounds to the acre), every two weeks for a succession, and as it grows, thin out for use. Sow the seed of New Zealand in hills 2 feet apart each way, three or four seeds in a hill. This is fit for cutting all Summer.      **Pkts. of all varieties 5c.**

**Triumph. Long Season.** This Spinach is an improved variety of the Spinach Victoria, but will stand the heat about two weeks longer than the original sort. The very thick and fleshy and crumpled leaves are of the darkest green color, and form a Spinach almost like a Cabbage-head. The size of a single plant is about 9 or 10 inches across. Oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Lettuce-Leaved.** Excellent French variety; delicate flavor. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 50c.

**Long-Standing.** *Round Thick-leaved.* Dark green; leaves large and thick; very long-standing. Best for Spring growing. Oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 50c.

**New Zealand Summer.** This plant is not a Spinach, but it is used as such; it grows  $1\frac{1}{2}$  feet high and is very prolific; grows well during hot Summer weather when the ordinary Spinach cannot be had. The seed should be soaked in hot water before sowing. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Prickly, or Winter.** Vigorous and hardy; recommended for Fall sowing. Oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 50c.

**Round Viroflay.** *Thick-leaved.* Has very large, thick, dark green leaves; the favorite market gardeners' sort for Fall or Spring sowing. Oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 50c.

**Victoria.** Extra-dark, black-green color. Two or three weeks later than the ordinary "Long-standing." A fine variety for Spring sowing. Oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 50c.

## SALSIFY, or VEGETABLE OYSTER

*Haferwurzel*   *Salsifis*   *Ostion Vegetal*

- Mammoth Sandwich Island.** Tender and delicious, very superior. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.  
**Long White French.** Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

## SQUASH

*Speise-Kürbis*   *Courge*   *Cidracayoto*

**Extra-Early Jersey White Bush.** This is an improved strain of the old White Bush Squash, the result of selections which have been made for a number of years by a prominent nearby market gardener. The Squashes mature fully ten days earlier than the old sort, and are of good size. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Bush Summer Crookneck.** Fine Summer variety; yellow fruit; early and productive. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Delicata.** Orange yellow, striped green; small size, but very prolific; it is extra early, solid and a good keeper; flesh dry and of fine quality. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**English Vegetable Marrow.** *Long White.* Skin greenish yellow; flesh white, soft and rich flavor. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**Fordhook.** Bright yellow skin; flesh straw yellow, dry and sweet, and the best in quality of all Winter Squashes. It matures early, and is everywhere a sure cropper, being earlier in ripening than any other Winter Squash; immensely productive. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Giant Summer Crookneck.** Twice as large as the ordinary Summer Crookneck, more watery, and several days earlier. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Improved White Bush Scalloped.** A decided improvement on the old variety; being very much thicker in the center, and with little or no rim; a splendid market sort. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Improved Hubbard.** A large, very hard-shelled variety of the first quality; keeps longer than the Marrows. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**Winter Crookneck.** Excellent for Winter; flesh close-grained, sweet and of fine flavor. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

## TOMATO

*Viebesäpfel*   *Tomate*   *Tomate*

For early plants sow in hotbeds early in March, in drills 5 inches apart and  $\frac{1}{2}$  inch deep; when the plants are about 2 inches high transplant into another hotbed 4 inches apart each way; plant out in the open ground early in May, or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelful of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or large flower-pot by placing it in a sunny window in a warm room or kitchen. For late use sow in a sheltered border in May, and set out the plants in July. The green fruit can be picked off before frost and ripened under glass. By training the vines on trellises or tying to stake, the fruit will ripen better and be of finer quality.

**Baer's (John Baer).** "The Earliest Tomato on Earth"

1st—"John Baer" Tomato produces an enormous crop of Tomatoes, 50 to 100 fruits to each plant.

2d—Every "John Baer" Tomato ripens evenly, right up to the stem.

3d—"John Baer" Tomato produces large, beautiful, solid Tomatoes in 30 days from large, strong, well matured plants.

4th—"John Baer" Tomato has a wonderful glistening brilliant, bright red color.

5th—"John Baer" Tomato has a mild deliciously sweet flavor. The finest flavored Tomato you have ever tasted.

6th—Each beautiful "John Baer" Tomato weighs about  $6\frac{1}{2}$  oz.

Pkt. 10c. and 25c.,  $\frac{1}{4}$  oz. 75c.,  $\frac{1}{2}$  oz. \$1.00, oz. \$2.00.

**TOMATO—Continued**

**Comet.** This is a splendid variety for either indoors or out. It is very short-jointed, fruiting close up to the stem. The Tomatoes are of good, medium size, quite smooth, very solid, and of a deep scarlet color. Comet has been extensively used for forcing by market growers, and is now the favorite sort for this purpose. (English-grown seed.) Pkt. 10c.,  $\frac{1}{4}$  oz. 75c., oz. \$2.50.

**Earliana.** (Selected.) Extra early, bright red, smooth and prolific. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**June Pink.** A very early crimson; medium size, smooth. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Early Sunrise.** The chief points in Sunrise are: Its earliness (it was exhibited in full fruit on July 4), its cropping properties, its healthy constitution (no trace of disease), its solid but delicate flesh (contains few seeds), its evenness in size as a dessert fruit, its bright scarlet color and rich acid flavor, its equal value for indoor or outdoor cultivation. Pkt. 15c., 2 for 25c.,  $\frac{1}{8}$  oz. 60c.,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{2}$  oz. \$1.75, oz. \$3.00.

**Holmes' Supreme.** The forcing Tomato. Medium-sized; scarlet fruit, round, smooth and firm; heavy cropper; fine for growing under glass or outdoor cultivation. (English-grown seed.) Pkt. 10c.,  $\frac{1}{4}$  oz. 75c., oz. \$2.50.

**Livingston's New Coreless.** Large size, globe-shaped; bright red; full stem end, heavy cropper. The two distinctive features which stand out most prominently are great depth from stem to blossom, and the depression at the stem has been almost entirely eliminated. Pkt. 10c., 3 pkts. for 25c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.

**Matchless.** The best large red main crop variety. Is a strong, vigorous grower, with thrifty vines which produce large, handsome Tomatoes most abundantly throughout the season. The fruits, of a rich cardinal red are remarkably solid and smooth, free from core and uniformly of the finest flavor. The Tomatoes are always of the largest size; they do not become smaller even late in the season, as the healthy growth of vine and foliage carry magnificent crops until killed by frost. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Acme.** Rich, glossy crimson, tinged with purple; perfectly smooth; one of the earliest. Pkt. 5c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Chalk's Early Jewel.** Very fine; large, solid, smooth and bright red; similar to the Stone, but very early. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Hipper No. 1.** This is a grand English variety, either for forcing or out-of-doors. The color is a rich crimson; fruit round and of excellent flavor; very little core or seed. (English-grown seed.) Pkt. 25c., oz. \$2.50.

**Lister's Prolific.** Handsome, medium-sized fruit, very prolific and of excellent flavor. (English-grown seed.) Pkt. 10c.,  $\frac{1}{4}$  oz. 75c., oz. \$2.50.

**Ponderosa.** Claimed to be the largest that has yet been introduced. Bright red color; rather flat; flavor and solidity unequaled. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Red Cherry, Currant, Peach, Pear, Plum.** Each pkt. 5c., oz. 35c.

**Stone, Dwarf.** A dwarf, sturdy plant like the Dwarf Champion in habit, but of stronger growth. The fruits are large and resemble the original Stone. The shape is perfect, with good skin, very solid flesh and of excellent flavor. The plants are very stocky and do not spread much. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Stone, Tall.** This is a large, very smooth, bright scarlet Tomato, ripening evenly to the stem without cracking. The flesh is firm, solid, and of excellent quality; one of the best for shipping. Pkt. 5c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Stirling Castle.** Small size, very solid, finest flavor; enormously productive; fine for forcing under glass. (English-grown seed.) Pkt. 10c., oz. \$2.50.

**Yellow Cherry.** For pickles and preserves. Pkt. 5c., oz. 35c.

**Yellow Peach.** Beautiful, clear yellow color. Pkt. 5c., oz. 35c.

**Yellow Pear.** Yellow, pear-shaped fruit. Pkt. 5c., oz. 35c.

**Yellow Plum.** Lemon yellow; used for preserves. Pkt. 5c., oz. 35c.

# TURNIP

*Rübe*      *Navet*      *Nabo*

For early Turnips, sow as soon as the ground opens in Spring. Turnips are generally sown broadcast, but much larger crops are obtained (particularly of the Rutabagas) by cultivating in drills 18 inches apart, and thinning to 6 inches in the drill. Sow in drills, one pound to the acre; broadcast, two to three pounds to the acre.

**Model Snowball.** The earliest and most perfectly formed, round, white Turnip for garden use. Our stock has been continuously selected for many years, resulting in a beautiful shape, with short top and a single tap-root. Flesh snowy white, solid and mild in flavor. This Turnip has probably been awarded more first prizes than any other, and recent successes prove that it is still unsurpassed for exhibition. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Extra-Early Purple-Top Milan.** The bulbs are white, with purple top, round, flattened and solid; flesh pure white, sweet and crisp. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Early Flat Dutch.** Adapted for Spring sowing. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Golden Ball.** Bulb of fine form and bright yellow color; a fine keeper; unsurpassed for table use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Yellow Stone.** An excellent variety for early or late sowing; a good cropper and fine keeper; valuable for table use. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**RUTABAGAS.** See page 74.

# POT, SWEET AND MEDICINAL HERBS

<b>Angelica.</b> <i>Archangelica officinalis.</i>	Garden.	For Pkt. $\frac{1}{4}$ oz.	
flavoring wine and cakes.....		\$0.05	\$0.25
<b>Anise.</b> <i>Pimpinella anisum.</i>	Seeds aromatic and carminative.....	.05	.10
<b>Arnica.</b> <i>Arnica montana.</i>	Tincture of Arnica is made from it.....	.15	1.25
<b>Balm.</b> <i>Melissa officinalis.</i>	For culinary purposes..	.05	.25
<b>Basil.</b> <i>Ocimum minimum.</i>	Dwarf or Bush. Culinary herb.....	.05	.15
<b>Basil, Sweet.</b> <i>Ocimum Basilicum.</i>	Culinary herb used for flavoring soups, etc.....	.05	.15
<b>Belladonna.</b> <i>Atropa Belladonna.</i>	Used in medicine.	.10	.50
<b>Bene.</b> <i>Sesamum orientale.</i>	The leaves used for dysentery.....	.05	.15
<b>Borage.</b> <i>Borago officinalis.</i>	Leaves used as a salad..	.05	.10
<b>Caraway.</b> <i>Carum Carui.</i>	Used in flavoring liquors and bread.....	.05	.10
<b>Catnip.</b> <i>Nepeta cataria.</i>	Has medicinal qualities..	.10	.40
<b>Chamomile.</b> <i>Matricaria Chamomilla</i> .....		.10	.75
<b>Coriander.</b> <i>Coriandrum sativum.</i>	Seeds aromatic..	.05	.10
<b>Cumin.</b> <i>Cuminum Cyminum</i> .....		.10	.40
<b>Dill.</b> <i>Anethum graveolens.</i>	Seeds used for flavoring vinegar.....	.05	.10
<b>Dill, Mammoth.</b> <i>Anethum. graveolens.</i>	Much larger than above.....	.05	.15
<b>Elecampsane.</b> <i>Inula Helenium.</i>	Has tonic and expectorant qualities.....	.10	.50
<b>Fennel, Sweet.</b> <i>Anethum Fæniculum.</i>	Seeds aromatic; for flavoring.....	.05	.10
<b>Fennel, Florence.</b> <i>Anethum Fæniculum.</i>	In flavor resembling Celery.....	.05	.15
<b>Foxglove, Purple.</b> <i>Digitalis purpurea.</i>	Has medicinal qualities.....	.10	.35
<b>Henbane.</b> <i>Hyoscyamus niger.</i>	Has medicinal qualities; poisonous.....	.05	.15
<b>Horehound.</b> <i>Marrubium vulgare.</i>	Has medicinal qualities.....	.05	.25
<b>Hyssop.</b> <i>Hyssopus officinalis.</i>	Has medicinal qualities.....	.05	.25

## POT, SWEET AND MEDICINAL HERBS—Continued

	Pkt.	$\frac{1}{4}$ oz.	
Lavender, True. <i>Lavandula vera</i> . For oil and distilled water.....		\$0.10	\$0.35
Lavender. <i>Lavandula spica</i> . Possessing the same qualities as above, but in lesser degree.....	.05	.15	
Lovage. <i>Levisticum officinale</i> . Has medicinal qualities.....	.10	.75	
Marshmallow. <i>Althaea officinalis</i> . Has medicinal qualities.....	.05	.25	
Marigold, Pot. <i>Calendula officinalis</i> . The flowers dried or fresh are used in soups.....	.05	.25	
Marjoram, Pot. <i>Origanum Onites</i> . Used in seasoning.....	.10	.45	
Marjoram, Sweet. <i>Origanum Majorana</i> . Used in seasoning.....	.05	.15	
Mint, Curled Mint. <i>Mentha crispa</i> .....	.25		
Mint, Peppermint. <i>Mentha piperita</i> .....	.25		
Pennyroyal. <i>Hedeloma pulchroides</i> . Has medicinal qualities.....	.10	.75	
Rosemary. <i>Rosmarinus officinalis</i> . Yields an aromatic oil and water.....	.05	.30	
Rue. <i>Ruta graveolens</i> . Said to have medicinal qualities.....	.05	.20	
Saffron. <i>Carthamus tinctorius</i> . Used in medicine, and also in dyeing.....	.05	.25	
Sage, Common. <i>Salvia officinalis</i> . A culinary herb; also used in medicine.....	.05	.15	
Sage, Red. <i>Salvia Horminum</i> . Used as a culinary herb; also in medicine.....	.05	.15	
Sage, Purple. <i>Salvia Horminum</i> . Used as a culinary herb; also in medicine.....	.05	.15	
Savory, Summer. <i>Satureja Hortensis</i> . Used as a culinary herb.....	.05	.25	
Savory, Winter. <i>Satureja montana</i> . Used as a culinary herb.....	.05	.25	
Tansy. <i>Tanacetum vulgare</i> . Generally used in bitters.....	.10	.60	
Tarragon, True. <i>Artemisia Dracunculus</i> . Does not produce seed. Roots in Fall and Spring 35c. each, \$3.50 per doz.			
Thyme, Broad-leaved English. <i>Thymus vulgaris</i> . Used as a seasoning.....	.05	.40	
Thyme, French. <i>Thymus vulgaris</i> .....	.05	.40	
Woodruff. <i>Asperula odorata</i> .....	.10	.60	
Wormwood. <i>Artemisia Absinthium</i> . Has medicinal qualities.....	.05	.20	

## FIELD CORN

Eight quarts will plant one acre in hills; three bushels will sow one acre broadcast, or half that quantity in drills.

Adams Extra-Early. Qt. 15c., pk. 75c., bus. \$2.50.

Brewer's Yellow Dent. The seed procured by us is pedigreed stock, thoroughly selected, and was supplied to our grower direct from Mr. Brewer, the originator of this variety. Qt. 25c.,  $\frac{1}{2}$  pk. 75c., pk. \$1.25, bus. \$4.00; selected ears, \$4.00 for 100, 80c. for 12, \$1.50 for 25, \$2.25 for 50.

Golden Beauty. Surpasses all in size. Qt. 15c., pk. 75c., bus. \$2.50.

Improved Leaming. Early; large grain of bright yellow. Qt. 15c., pk. 75c., bus. \$2.50.

Longfellow. Yellow Flint. Qt. 15c., pk. 75c., bus. \$2.50.

Southern Horsetooth. For fodder. Qt. 15c., pk. 75c., bus. \$2.50.

White Dent. Qt. 15c., pk. 75c., bus. \$2.50.

Sweet Fodder. Qt. 20c., pk. 75c., bus. \$2.75.

Prices subject to market fluctuations

## ESCULENT PLANTS, ROOTS AND HERBS

	Each	Doz.	100
Artichoke. (French.) Bunyard's selected, large green. Plants ready for shipment about April 1.....	\$2.00	1.00	\$15.00
Chamomile.....	.10	1.00	
Chive Plants.....	Bunch, 25c.	2.50	20.00
Cinnamon-Vine Roots. Chinese Yam.....	.05	.20	.75
Hop-Vine Roots.....	.10	1.00	
Jerusalem Artichoke Roots			
Qt. 20c., bus. \$4.00			
Horse-Radish Roots. Cut in pieces.....		.20	.75
Horse-Radish, Maliner Kren. This new variety of Horse-Radish was first discovered by the United States Agricultural explorer, Mr. David Fairchild, in Bohemia, about ten years ago. Is as white as snow; free from disease; grows to enormous size. Selected roots.....	1000, \$12.00	.25	1.50
Lavender. True.....	.15	1.50	
Pennyroyal.....	.10	1.00	
Peppermint.....	.10	1.00	
Rosemary.....	.15	1.50	
Rhubarb Roots. Strong.....	.15	1.50	
Sage. Mammoth.....	.10	1.00	
Spearmint.....	.10	1.00	
Tansy.....	.10	1.00	
Tarragon.....	.25	2.50	

 Price  
on application

For other Vegetable Plants, Spring delivery. Write for prices

## ASPARAGUS

(Asparagus Officinalis)

Mark out rows for field culture 6 feet apart with a two-horse plow, going twice in a row, getting row as deep as possible without getting in the yellow soil; spread in row good, well-rotted manure or fertilizer; followed by a light layer of soil; then drop on soil, about 10 inches apart (crown up) good two-year-old roots; cover with a hoe about 2 inches. In about two or three weeks the Asparagus will be up enough to cultivate; work same as other field crops, gradually working in soil as season advances, naturally it will work itself in; the following Spring, plow off with a one-horse plow very shallow, so as not to cut the crowns, and work same as the previous season. The next season your bed will be ready for cutting for market; simply plow off same as season before, then turn in large double with a two-horse plow and rake off the top, and your bed is completed, and you can cut every day until July 4. A bed made this way will last for twenty years. For a garden, follow the same plan; but you can plant much closer, and work by hand, instead of with horse and plow.

**Conover's Colossal.** Extra-strong, two-year-old, \$1.00 per 100, \$8.00 per 1000.

**Palmetto.** Extra-strong, two-year-old, \$1.00 per 100, \$8.00 per 1000.

**VEGETABLE PLANTS.** See special price list issued March 1, 1916.

## FARM SEEDS

### ROOT-CROPS FOR FEEDING STOCK

Prices subject to change without notice

#### CARROT

	Oz.	$\frac{1}{4}$ lb.	Lb.
Danvers Half-Long.....	\$0.15	\$0.50	\$1.25
Improved Long Orange.....	.15	.40	1.00
White Belgian.....	.15	.40	1.00
Yellow Belgian.....	.15	.40	1.00

#### SOJA BEANS

Thrive well in hot, dry weather. Valuable for the South. Plant at the rate of  $\frac{1}{2}$  to  $\frac{3}{4}$  bushel to the acre, in drills  $2\frac{1}{2}$  to 3 feet apart, and cultivate same as Field Corn. It does not make good hay, but is good as ensilage or green fodder. Market price upon application. (60 lbs. to the bushel.)

**CANADIAN FIELD PEAS**

Valuable for northern climates, for cattle feeding, especially for milch cows. It also makes fine ensilage. It is sown broadcast in the Spring and harrowed in. If sown with Oats, about  $1\frac{1}{2}$  bushels to the acre, in drills 2 to 3 bushels to the acre. Market price on application.

**COWPEAS (Vigna Catjang)**

Specially adapted to warm countries; extensively grown in our Southern States; also valuable in this latitude as a fodder plant; their chief value, however, is as a green crop to plow under. The seed should not be sown till the ground has become well warmed. One bushel to the acre in drills; 2 to  $2\frac{1}{2}$  bushels to the acre if sown broadcast.

**Black-eyed, Clay, Whip-poor-will.** Market price on application.

**RUTABAGAS (Russian, or Swede Turnips)**

	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>Champion.</b> Surpasses all the other varieties for size and richness.....		\$0.10	\$0.25 \$0.75
<b>Improved American.</b> A yellow-fleshed, purple-top variety, grown for stock or table.....	.10	.25	.75
<b>Long Island Improved.</b> Much larger than the ordinary American.....		.10	.25 .75
<b>Skirving's Purple-Top.</b> A very heavy cropper; one of the best for field culture.....		.10	.25 .75

**MANGEL-WURZEL**

*Sow six to eight pounds per acre.*

**Champion Yellow Globe.** Smooth, globe-shaped roots, of large size and excellent quality.

**Colossal Long Red.** Roots of the largest size, blood-red color. Exceedingly nutritious, distinct and valuable.

**Golden Tankard.** Flesh bright, golden yellow, and in this respect differs from all other varieties, which cut white.

**Red Globe.** Similar to the Yellow Globe, differing only in color. Price of any of the above: oz. 10c.,  $\frac{1}{4}$  lb. 20c., 1lb. 60c.: 10 lbs. and upward, 50c. per lb.

**MISCELLANEOUS CEREALS, ETC.**

All subject to change and market prices

**BARLEY, Champion.** (48 lbs. to the bushel.) Sow 2 bushels to the acre. At ruling market price.

**BUCKWHEAT.** (48 lbs. to the bushel.) Sow 1 bushel to the acre. **Silver Hull.** Very early.

**Japanese.** Large grains. Both at market prices.

**MILLET.** (50 lbs. to the bushel.)

**Japan Barnyard.** Useful for fodder. Sow 40 Lb. 100 lbs. lbs. to the acre..... \$0.15 \$8.00

**Hungarian.** Sow 60 lbs. to the acre. Prices variable.

**White French.** ..... 15 8.50

**Red Siberian.** ..... 15 7.50

**Golden.** For canary feeding, etc. Sow 60 lbs. to the acre..... 15 7.50

**Pearl.** ..... 20 13.00

**OATS.** (32 lbs. to the bushel.) Sow 60 to 90 lbs. to the acre. **Bus. Sensation.** ..... \$1.50

**Clydesdale (Home-grown).** ..... 1.75

**RYE.** (56 lbs. to the bushel.) Sow  $1\frac{1}{2}$  to 2 bushels to the acre.

**Spring.** ..... 2.25

**Winter Excelsior.** ..... 1.75

**Mammoth Winter.** ..... 2.25

**WHEAT.** (60 lbs. to the bushel.) Sow  $1\frac{1}{2}$  bushels to the acre. Market price.

**RAPE, Dwarf Essex English.** Fine for sheep pasture and soil-ing. Sown in May, it is ready for pasturing in July and August. Sow in drills 5 lbs. to the acre; broadcast, 10 lbs. Per 100 lbs., \$10.00.

**SUNFLOWER, Large Russian.** Fine for poultry feed. Per 100 lbs. \$12.00.

**VETCHES, Spring Tares.** Sow 70 to 90 lbs. to the acre. At market prices.

**Winter Tares.** Do well on poor land. Sow either in Spring or Fall, with Rye for support. Extremely hardy. Sow 40 lbs. to the acre. Price variable.

## GRASS SEED FOR ALL PURPOSES OUR SPECIALTY

We are grass seed specialists; our Booklet "The Lawn Green" mailed free upon application. A short story about Lawns and how to make them successfully.

The ground should be thoroughly drained and well prepared. The soil ought not to be too rich, as a rapid growth is not wanted in the grasses of a lawn; but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled and cross-rolled in order to press the seed firmly into the soil, and ten days or so thereafter a light application of Lawn Fertilizer, mixed with an equal quantity of good loam or sand, will serve to stimulate the growth of the young grasses. The best time to apply this is just before a rain, the idea being to have the fertilizer washed into the roots. The proper time to sow grass seed depends, of course, upon the latitude. In the central and eastern states from March 15 to the middle of May is the best time; but in favorable seasons the sowing may be done up to July 1. Seed may also be sown in the Fall, from the latter part of August to the end of September. The sowing should be done when the ground is moist, or before an expected rain and a subsequent rolling is always advisable. As to weeds in newly made lawns, it may not be generally known that many weed seeds actually lie dormant in the ground for six or seven years and will germinate and make their appearance when the soil is turned up. The annual wild grasses, such as crab grass or summer grass, must be pulled up by the roots before they ripen their seed in the Fall. This is the only sure way to rid lawns of these pests.

**Rolling.**—As soon as the frost is out of the ground in the Spring, the land should be gone over with a heavy roller. Winter frosts loosen the soil, and rolling is necessary to compress it again. Roll frequently.

**Mowing.**—All turf-forming grasses are improved, both in vigor of root-growth and in fineness of texture, by frequent mowings. It is impossible to say just how often the grass should be mown, as that depends upon the rate at which it grows. Too close cutting should be guarded against, however, especially during the hot Summer months, when the roots require some top-growth to protect them from the burning sun. A good top-growth is also necessary to protect the roots from severe Winter frosts.

**To Grass a Bank or a Terrace.**—For each square rod, take a pound of Terrace Lawn Grass Seed and mix it thoroughly with 6 cubic feet of good, dry garden loam; place in a tub, and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied, making it as even and thin as possible.

It is a good plan to sow on good land, in any out-of-the-way place, strips of sod to be used for patching poor parts of the lawn, or for grass borders, etc.

The following sketch, representing one square acre, will help you to figure out how many pounds of Grass Seed you will need for your lawn, etc.

The basis is 120 pounds to the acre, reduced to one pound, which is sufficient for 465 square feet, or about the size of an ordinary "front lot"—20 x 25, eliminating the walks, one pound of our seed will go further than two quarts of grass seed usually sold—so for "the land's sake" buy it by the pound.

60 lbs GRASS SEED

1/2 ACRE

21.780 SQ FT

30 lbs  
GRASSSEED

1/4 ACRE

10.890 SQFT

15 lbs  
GRASSSEED

1/8 ACRE  
5,445 SQ FT

8 lbs  
GRASS  
SEED

1/16 ACRE  
2.722 1/2

4 lbs  
1/32 ACRE  
1.561 1/4

2 lbs  
930 1/2 SQ FT  
1/64 ACRE

# Bunyard's Invincible Grass Seed Mixtures

Made up of the finest re-cleaned seed

*N. B.*—When you buy Grass seed, purchase it by the pound. Then you don't have to pay for "filler."

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It is of the utmost importance when Grass seeds are to be sown that the character of the soil and purpose be taken into consideration. Unless this is described it is impossible for us to select such a mixture as we know from experience to be suitable, and if our customers will be good enough to give us this information when ordering, it will greatly facilitate matters. When, however, time does not permit of this, our customers can, to a large extent, obviate the necessity for correspondence by remembering that, as a general rule, they should order as follows:

## Bunyard's "British Lawns" Formula

This mixture is made from a famous British formula that produces the well-known lawns so much admired. Sow 120 lbs. to the acre. Price: 40c. per lb.; 10 lbs. \$3.75; 20 lbs. \$7.50; 100 lbs. or more, \$7.00 per 20 lbs.

## Bunyard's Central Park Mixture

An excellent mixture for re-seeding run-down and worn-out lawns. Price: 30c. per lb.; 10 lbs. \$2.75; 20 lbs. \$5.00. Sow 80 lbs. to the acre.

## Bunyard's Putting Green Mixture

Made up of grasses that will stand the wear and tear on the "Green." Sow 160 lbs. to the acre. Price: 50c. per lb.; 10 lbs. \$4.00; 20 lbs. \$7.50.

## Bunyard's Fair-Green Lawn Grass

For the golf links. Price: 20 lbs. \$5.50; 100 lbs. or more \$5.00 per 20 lbs.

## Bunyard's Terrace Mixture

Made up of grasses that are deep rooting and will hold the soil. Price: 50c. per lb.; 10 lbs. \$4.00; 20 lbs. \$7.50.

## Bunyard's Shady Nook Mixture

Specially prepared to grow under trees and where shade predominates. Price: 50c. per lb.; 10 lbs. \$4.00; 20 lbs. \$7.50.

## Bunyard's Tennis-Court Lawn Grass

A mixture of extra fine Grasses peculiarly adapted for tennis courts. This mixture will make a firm, green and lasting turf of the finest texture, that will improve with trampling. Price: 50c. per lb.; 10 lbs. \$4.00; 20 lbs. \$7.50.

## Bunyard's Lawn Grass for the South

A mixture of Grasses that stand extremes of heat and drought well, and that are therefore peculiarly adapted for southern lawns. Price: 50c. per lb.; 10 lbs. \$4.00; 20 lbs. \$7.50.

## Bunyard's Seashore Grass Mixture

A mixture of fine Grasses peculiarly suited to seaside lawns. Price: 50c. per lb.; 10 lbs. \$4.00; 20 lbs. \$7.50.

If you have "Lawn Trouble" drop us a line and we will send you a formula to cure it.

## GRASS SEEDS

Owing to the embargo placed upon Natural Grass Seeds by the European countries, many varieties will be scarce and hardly obtainable. Hence it is almost impossible to make prices at the time of this catalogue going to press, and will always have to be governed by market conditions.

Grass Seeds are sold in the trade by sample, and each sort is divided into three or four grades of quality, according to purity, germination and weight. The price of the best grade is often double that of the ordinary. The Grass Seeds offered by us are in every case the very highest grade. We do not carry the lower grades, but can quote, if requested. Prices subject to change without notice. Special quotations on large quantities.

**Blue Grass, Kentucky.** *Poa pratensis.* This grass combines more points of excellence than any other sort. It is a true perennial, lasting indefinitely and improving every year. Its densely creeping root-stalks, spreading habit and smooth, even growth, fine texture and rich green color render it one of the very best grasses for lawns. It forms a close turf, starts very early in the Spring, and lasts till frost. It succeeds in almost any soil—dry, rocky, sandy or gravelly, and stands long-continued dry weather and hot suns. It takes, however, two or three years to become well established, and should, therefore, be sown only in connection with other grasses. If the soil is especially suitable it will eventually crowd these out, and make the finest possible sward. It is one of our most valuable pasture grasses, very productive and nutritious. 50 lbs. to the acre. Lb. 25c., 10 lbs. \$2.25, 100 lbs. \$20.00.

**Blue Grass, Canada.** *Poa compressa.* This is a hardy perennial grass, which forms a strong turf. It adapts itself to all soils and withstands differences of soils and climate better than most other grasses. Particularly adapted to the eastern and middle states for pasture and dairy uses. For a lawn grass it is of considerable value. 60 lbs. to the acre. Lb. 20c., 10 lbs. \$1.75, 100 lbs. \$15.00.

**Creeping Bent.** *Agrostis stolonifera.* The distinctive feature of this species is its compact, creeping, rooting stems. It is of rapid growth and spreading habit, and the stoloniferous roots form a strong, enduring turf that is positively improved by constant trampling. Being of fine texture, it is most valuable for lawns. 60 lbs. to the acre. Lb. 70c., 10 lbs. \$6.50, 100 lbs. \$60.00.

**Crested Dog's-Tail.** *Cynosurus cristatus.* A valuable grass for lawn or pasture; it forms an even and compact sward. Does fairly well in shade and should be a constituent of all good shade lawn mixtures. 50 lbs. to the acre. Lb. 60c., 10 lbs. \$5.50, 100 lbs. \$50.00.

**English Rye Grass.** *Lolium perenne.* Succeeds well in our middle and eastern states, and adapts itself to a great diversity of soils. Produces a strong, verdant growth four or five weeks after sowing. It cures into hay having a sweet flavor much relished by cattle, and highly nutritive, especially in mixture with red clover. 60 lbs. to the acre. Lb. 20c., 10 lbs. \$1.75, 100 lbs. \$15.00.

**English Rye Grass, Pacey's Strain.** Somewhat superior to the regular strains of English Rye Grass and claimed to be harder. 60 lbs. to the acre. Lb. 25c., 10 lbs. \$2.25, 100 lbs. \$20.00.

**Fine-leaved Sheep's Fescue.** *Festuca tenuifolia.* Valuable for lawns and for pasture purposes, succeeding well even in high and dry situations and poor soils. 30 lbs. to the acre. Lb. 40c., 10 lbs. \$3.50, 100 lbs. \$30.00.

**Hard Fescue.** *Festuca duriuscula.* A dwarf-growing variety, succeeding well in dry situations, both for lawns and pastures. 30 lbs. to the acre. Lb. 40c., 10 lbs. \$3.75, 100 lbs. \$35.00.

**Italian Rye.** *Lolium Italicum.* Thrives in almost any soil; lasts only one year. Good to assist other grasses the first year. A rapid grower and good to rid land of weeds, as it quickly overtops them, preventing them from ripening. Used as a lawn grass in the South. 60 lbs. to the acre. Lb. 20c., 10 lbs. \$1.75, 100 lbs. \$15.00.

## GRASS SEEDS—Continued

**Meadow Fescue.** *Festuca pratensis.* Valuable for permanent pasture. It succeeds best in cold, moist, light soils, in well-drained meadows and in low valleys rich in organic matter. It should not be grown at all on warm, dry land. It does not reach its full development till the second or third year, when it far exceeds most other sorts in quantity and nutritive matter. 50 lbs. to the acre. Lb. 30c., 10 lbs. \$2.70, 100 lbs. \$25.00.

**Meadow Foxtail.** *Alopecurus pratensis.* For permanent pastures; rapid growth. Sow only in mixture with other grasses. 3 to 4 lbs. to the acre; if sown alone, 25 lbs. to the acre. Lb. 70c., 10 lbs. \$6.50, 100 lbs. \$60.00.

**Orchard Grass.** *Dactylis glomerata.* Valuable for mixtures, either for pasture or hay. It succeeds well in the shade, and is recommended for pasture in woodlands. Its tendency to grow in tussocks is diminished if sown with other grasses. 60 lbs. to the acre. Lb. 40c., 10 lbs. \$3.50, 100 lbs. \$30.00.

**Red or Creeping Fescue.** *Festuca rubra.* A splendid grass for light, sandy soils. Extreme drought-resister. Valuable in seeding banks and exposed locations, binding drifting sands, and is very valuable as a lawn grass for shady spots; forms a very close, durable turf, suitable for putting greens. 30 lbs. to the acre. Lb. 40c., 10 lbs. \$3.75, 100 lbs. \$35.00.

**Red-Top Fancy Recleaned Seed.** *Agrostis vulgaris.* Absolutely clean and free from chaff. A hardy, native perennial grass; does best on moist soils; it, however, accommodates itself to a variety of soils, even to dry situations, and stands our hot Summers admirably. One of the best grasses for lawn or pasture. 35 lbs. to the acre. Lb. 40c., 10 lbs. \$3.50, 100 lbs. \$30.00.

**Rhode Island Bent Grass.** *Agrostis canina.* This variety makes a beautiful, close, fine turf, and is one of the best lawn grasses in mixture with other sorts. Adapts itself to almost any soil. 80 lbs. to the acre. Lb. 60c., 10 lbs. \$5.50, 100 lbs. \$50.00.

**Rough-stalked Meadow.** *Poa trivialis.* Valuable on damp soils. One of the best grasses for hay and pasture mixtures, being a splendid "bottom" grass; useful also for shaded portions of lawns. 20 lbs. to the acre. Lb. 65c., 10 lbs. \$6.25, 100 lbs. \$60.00.

**Sheep's Fescue.** *Festuca ovina.* This grass prefers dry uplands and thrives in poor, shallow, gravelly soils where other grasses would fail. In pasture mixtures on high and dry soils it is especially valuable. 35 lbs. to the acre. Lb. 40c., 10 lbs. \$3.50, 100 lbs. \$30.00.

**Tall Oat Grass.** *Avena elatior.* Valuable for pastures on account of its early and luxuriant growth, which also continues late. It is much relished by cattle. For hay it may be cut twice a year. Very valuable, also, for the southern states. 50 lbs. to the acre. Lb. 40c., 10 lbs. \$3.50, 100 lbs. \$30.00.

**Timothy, or Herd's Grass.** *Phleum pratense.* On moist, loamy and clayey soils, it produces a larger crop of hay than any other grass. It is not so well suited for light and sandy soils. It should be cut when flowering as, if left later, the hay becomes hard and coarse. Timothy hay is very nourishing and can be preserved for a long time. It is often sown with red clover, and the nutritive value of the hay is greatly increased by this mixture. It is not suitable for permanent pasture, as in the course of a few years it disappears. 45 lbs. to the acre. Lb. 20c., 10 lbs. \$1.50, 100 lbs. \$14.00.

**Various-leaved Fescue.** *Festuca heterophylla.* A very early, hardy perennial, thriving best in cold, moist soils, rich in humus and potash. Its production of root leaves makes it an excellent bottom grass both for hay and pasture mixtures. It grows well in the shade and is recommended for shaded lawns in mixture with other grasses. 50 lbs. to the acre. Lb. 45c., 10 lbs. \$4.00, 100 lbs. \$35.00.

**Wood Meadow Grass.** *Poa nemoralis.* Furnishes a fine, succulent herbage, much relished by cattle; its chief recommendation is its special fitness for shaded places in lawns where other grasses will not grow; it makes a good turf, and should be included in all good putting-green mixtures. 40 lbs. to the acre. Lb. 65c., 10 lbs. \$6.25, 100 lbs. \$60.00.

**Quantities given above to sow to the acre are the minimum and should be increased if the soil is poor.**

**Prices subject to market conditions and change without notice.**

## CLOVERS

Prices on Grass and Clover seed subject to change without notice. Our Grass and Clover seeds are the very finest, purest, re-cleaned seed. We do not carry the cheaper grades, but will quote prices on application.

**Alfalfa, or Lucerne.** *Medicago sativa.* Requires deep, rich, well-drained soil. Roots very deeply, the tap-root descending often to a depth of 10 to 15 ft. in loose soil. It is, consequently, capable of resisting great droughts. It should be sown alone (about the same time as oats are sown in this section) in thoroughly prepared, deeply plowed soil, at the rate of 20 to 25 lbs. to the acre. It is also successfully sown as late as August, and up to the middle of September in more southerly localities. The crop should be cut when the plant is coming into bloom. In suitable soil it is perennial, and several crops may be cut every year. Height, 1 to 3 ft. Lb. 40c., 10 lbs. \$3.50, 100 lbs. \$30.00.

**Turkestan Alfalfa.** Imported from Turkestan. It is said to be hardier and more productive than the ordinary variety, and to withstand drought better. Price upon application.

**Alsike, or Hybrid.** *Trifolium hybridum.* A perennial, 1 to 3 ft. high, succeeding best in cold and stiff soils, and in marshy lands which are too wet for other species. It grows well in the far North and in high altitudes, and can withstand severe cold. A good honey plant for bees. 15 lbs. to the acre. Lb. 40c., 10 lbs. \$3.50, 100 lbs. \$30.00.

**Bokhara, or Sweet.** *Melilotus alba.* A most valuable sort for soiling. It grows 3 to 5 ft. high, and if sown in rich soil may be cut three times; lasts two or more years if cut before flowering; good for ensilage and bees. 15 lbs. to the acre. Lb. 60c., 10 lbs. \$5.50, 100 lbs. \$50.00.

**Crimson, or Scarlet.** *Trifolium incarnatum.* Erect annual, 1 to 2 ft. high, with bright scarlet flowers. A native of southern Europe, it is largely grown in our southern states for improving the soil by turning under. It will not stand severe frost, and cannot be depended upon to stand the Winter north of New Jersey. It is a valuable crop for pasturage or green manure. For hay it should be cut when in full bloom. Sow 20 lbs. to the acre. Lb. 25c., 10 lbs. \$2.00, 100 lbs. \$18.00.

**Red, Medium.** *Trifolium pratense.* One of the most valuable farm crops of the eastern states for pasture, hay, or for turning under for green manure. It requires a deep, rich soil, and yields two hay crops in the season. In this section, sow in the Spring at the rate of 15 lbs. to the acre. Lb. 40c., 10 lbs. \$3.50, 100 lbs. \$30.00.

**White.** *Trifolium repens.* Some White Clover is usually included in lawn grass mixtures. It is of dwarf habit, spreads rapidly, and is very hardy. It is valuable in permanent pastures, being sweet and nutritious. Sow in Spring. In mixtures, 1 or 2 lbs.; if alone, 8 to 10 lbs. to the acre. Lb. 75c., 10 lbs. \$6.50, 100 lbs. \$60.00.

The Clover and Grass seeds offered by us exceed in purity and germination all the stringent requirements of the law of the State of New York.

*Prices on all Grass and Clover seeds subject to change without notice.*

## GRASSES FOR PERMANENT PASTURE AND HAY CROPS

It is self-evident that land sown with grasses, especially selected for their suitability to the soil on which they are to be grown, produce much larger and more satisfactory crops than when only one or two varieties of grasses and clovers are used. Some grasses do best on high ground and in dry weather; others prefer plenty of moisture; some mature early, others late. Formulas for seeding grassland have been subjects of much study and investigation with us for many years. We recommend the following, which have given almost universal satisfaction. The quantities given are the minimum and may be increased to advantage, depending on the fertility of the soil.

**GRASSES FOR PERMANENT PASTURE and HAY CROPS—Continued**

We are always glad to make up special mixtures and answer inquiries relative to grasses for different purposes, and for sowing on various soils under varying climatic conditions.

Clover seed should be sown separately, as it is heavier than grass seed and is likely to settle at the bottom of the bag in transit; in consequence, it is likely to be sown unevenly.

Clovers in their young state are tender north of New York City, and should therefore be sown in the Spring in such localities.

Ten lbs. of mixed Clover seed, sufficient for one acre in conjunction with the following formulas, \$5.00.

**PERMANENT MIXTURES FOR HAY CROPS FOR ONE ACRE****FOR GOOD SOILS, COOL AND MOIST**

17 lbs.	Timothy
5 "	Red-Top
3 "	Orchard Grass
5 "	English Perennial Rye Grass
1 "	Meadow Foxtail
2 "	Tall Oat Grass
2 "	Hard Fescue
2 "	Sheep's Fescue
1½ "	Italian Rye Grass
1 "	Various-leaved Fescue
½ "	Perennial Sweet Vernal
<b>40 lbs. per acre, \$9.50</b>	

**FOR HIGH, DRY SOILS**

15 lbs.	Timothy
5 "	Red-Top
7 "	Orchard Grass
4 "	Tall Oat Grass
3 "	Hard Fescue
3 "	Sheep's Fescue
1 "	Sheep's Fescue, Fine-leaved
1 "	Rough-stalked Meadow Grass
1 "	Crested Dog's-Tail
<b>40 lbs. per acre, \$9.50</b>	

**FOR WET SOILS**

12 lbs.	Timothy
5 "	Rhode Island Bent
5 "	Red-Top
5 "	Orchard Grass
5 "	Perennial Rye Grass

2 lbs.	Italian Rye Grass
2 "	Tall Oat Grass
1 "	Various-leaved Fescue
2 "	Meadow Fescue
1 "	Tall Fescue

**40 lbs. per acre, \$9.50****MIXTURES FOR PERMANENT PASTURES FOR ONE ACRE****FOR GOOD SOILS, COOL AND MOIST**

8 lbs.	Timothy
5 "	Red-Top
4 "	Orchard Grass
5 "	English Perennial Rye Grass
3 "	Sheep's Fescue
1½ "	Hard Fescue
2 "	Meadow Fescue
2 "	Tall Oat Grass
2 "	Meadow Foxtail
7 "	Kentucky Blue Grass
½ "	Perennial Sweet Vernal
<b>40 lbs. per acre, \$9.50</b>	

**FOR DRY SOILS**

10 lbs.	Timothy
5 "	Creeping Bent
5 "	Orchard Grass
3½ "	Tall Oat Grass
2 "	Hard Fescue
4 "	Sheep's Fescue
1 "	Sheep's Fescue, Fine-leaved
1 "	Meadow Foxtail
½ "	Perennial Sweet Vernal
8 "	English Perennial Rye Grass

**40 lbs. per acre, \$9.50****FOR WET SOILS**

10 lbs.	Timothy
4 "	Red-Top
10 "	Kentucky Blue Grass
4 "	Orchard Grass
7 "	English Perennial Rye Grass

1 lb.	Meadow Fescue
1 "	Tall Fescue
1 "	Meadow Foxtail
1 "	Rough-stalked Meadow Grass
1 "	Various-leaved Fescue

**40 lbs. per acre, \$9.50**

Remember the quantities given above are the minimum, and should be increased if the soil is poor.

Any of the above formulas supplied in small quantities at 1b. 35c., 10 lbs. \$3.00, 20 lbs. \$5.00.

# MISCELLANEOUS BULBS AND ROOTS

FOR INDOOR AND OUTDOOR SUMMER FLOWERING

## BEGONIAS

Large-flowering Tuberous-rooted

**SINGLE-FLOWERING.** For planting in beds and where color effect is desired, our stock of these bulbs will be found true to color and free from mixture.

Crimson	Scarlet	Pure White
Rose	Light Pink	Canary Yellow
Orange	Salmon	Copper

**Large Bulbs**, measuring 1½ in. and upward, separate colors, 10c. each, 75c. per doz., \$5.00 per 100, \$45.00 per 1000.

**Bunyard's Invincible Mixture.** Equal proportions of the above colors. Large bulbs, measuring 1½ in. and upward, 5c. each, 50c. per doz., \$4.00 per 100, \$37.50 per 1000.

**DOUBLE-FLOWERING.** These can be depended upon for producing 100 per cent. double flowers, and contain very large and choice show varieties.

Crimson	Scarlet	Pink
Rose	Pure White	Orange
Salmon	Canary Yellow	Copper Bronze

**Large Bulbs**, measuring 1½ in. and upward, separate colors, 15c. each, \$1.50 per doz., \$12.00 per 100.

**Bunyard's Invincible Mixture.** Equal proportions of the above colors. Large bulbs, measuring 1½ in. and upward, 12c. each, \$1.25 per doz., \$10.00 per 100.

## DUKE ZEPPELIN AND LAFAYETTE

Both varieties are of the dwarf habit, reaching a height of only about 10 to 12 in.; very sturdy. They are continuous bloomers, sending their numerous spikes of flowers well above the foliage from June till late Fall, when frost overtakes them.

**Duke Zeppelin.** Intense, pure vermilion scarlet. 15c. each, \$1.50 per doz., \$12.00 per 100.

**Lafayette.** Rich, brilliant, crimson scarlet. 20c. each, \$2.00 per doz., \$15.00 per 100.

**Crested Begonias.** These are a remarkable strain of Begonias, ranging in all colors—salmon, pink, white, yellow, copper and scarlet; the size of the flowers is equal to the large singles, with the difference that the petals are of great substance and carry on the upper side a crest-formed cockscomb, making the flowers especially attractive. Prices, separate colors or mixed, 20c. each, \$2.00 per doz., \$15.00 per 100.

**Frilled Begonias.** All colors from the deepest crimson to the purest white, mixed. Large bulbs, 15c. each, \$1.25 per doz., \$10.00 per 100; colors separate, 20c. each, \$1.50 per doz., \$12.00 per 100.

## CINNAMON VINE (Chinese Yam)

Splendid, hardy climber of rapid growth, with bright green foliage, heart-shaped leaves and white, cinnamon-scented flowers. 8 ft. 5c. each, 50c. per doz., \$3.50 per 100.

## CALLAS

**Elliottiana.** This is the great, new, Yellow Calla of marvelous beauty. Flowers are large, rich, dark golden yellow, often 4 to 5 in. across the mouth; leaves are beautifully spotted with white. Bulbs of this variety are very scarce. Extra-large bulbs, 40c. each, \$4.00 per doz., \$30.00 per 100.

**Richardia alba maculata.** *Spotted Calla Lily.* Deep green leaves, spotted with white; flowers pure white, with black center. Free flowering. Large bulbs, 10c. each, 75c. per doz., \$6.00 per 100.

## CANNAS

Canna roots, or tubers, more properly speaking, on arrival should be placed in shallow boxes, and started in sphagnum or our prepared fiber, thoroughly watered and allowed to remain until they have grown 6 to 9 inches high, then placed in pots, or the open ground, if danger from frost is past.

### EXHIBITION CANNAS

The following varieties are the cream of all Cannas in their respective colors.

**Collection, one of each of the 10 Exhibition Cannas \$3.00; three collections for \$7.50.**

**Gustave Gumpfer.** 3½ to 4 feet. The finest yellow bedding Canna; the fine trusses always clean looking; in habit of growth very uniform; color a rich golden yellow, a shade that has been missing heretofore. 15c. each, \$1.50 per doz., \$10.00 per 100.

**King Humbert.** 5 feet. Its flowers, which, under ordinary cultivation, measure 6 inches in diameter, are produced in heavy trusses of gigantic size, are of a brilliant orange scarlet, with bright red markings, while the foliage is broad and massive and of a rich coppery bronze, with brownish green markings. 10c. each, 75c. per doz., \$5.00 per 100.

**Mad. Crozy.** 5½ feet. Vermilion with gold border. 10c. each, 75c. per doz., \$5.00 per 100.

**Rosea Gigantea.** 3½ feet. Single petals are 2½ inches across; color a deep, rich rose, almost a coral carmine. 15c. each, \$2.00 per doz., \$10.00 per 100.

**Panama.** 3 feet. The color of this splendid Canna is unusual, being an attractive, rich orange red, with a well defined edge of bright golden yellow. \$1.00 each, \$10.00 per doz.

**Firebird.** This is by all means one of the best red-flowered, green-leaved Cannas today. The petals measure 2½ inches and over across, and the color is a clear, glistening scarlet without any streaks, spots or blotches. 75c. each, \$7.50 per doz.

**Meteor.** (Wintzer's.) 5 feet. The solid mass of deep, dazzling crimson bloom produced is spectacular. Undoubtedly our best red, and one that will always be in the front rank when a brilliant crimson is desired. 25c. each, \$2.50 per doz., \$15.00 per 100.

**Mrs. Alfred F. Conard.** 4 feet. Its exquisite salmon-pink flowers are of largest size, so freely produced as to keep a superb showing for months. 25c. each, \$2.50 per doz., \$15.00 per 100.

**Mont Blanc.** 3½ feet high. In color it is almost a pure white. 10c. each, 75c. per doz., \$5.00 per 100.

**Venus.** 4½ feet. The color is a gay, rosy pink, with a mottled border of creamy yellow. It blooms splendidly, with heads erect and flowers bright. 10c. each, 75c. per doz., \$5.00 per 100.

**For Best Effect Plant Canna Beds all of one Color**

Round 4-ft. bed, 10 Cannas; round, 7-ft. bed, 20 Cannas; round, 10-ft. bed, 40 Cannas; round, 16-ft. bed, 100 Cannas.

Varieties of Cannas other than the above can be furnished upon application.

### CALADIUMS FANCY-LEAVED VARIETIES, ETC.

**Brazilian Collection.** The most interesting Caladiums offered this year. 35c. each, \$3.50 per doz., \$25.00 per 100. Collection of 12 varieties, \$3.75., 20 varieties, \$5.00.

**English Collection.** The most beautiful Caladiums offered this year. 40c. each, \$4.00 per doz., \$30.00 per 100. Collection of 12 varieties, \$4.25., 20 varieties, \$6.50.

**English Gold Medal Collection.** We can also offer a very extra-selected list containing 12 Named English Gold Medal varieties. 75c. each, \$7.50 per doz. Collection of 12 varieties for \$7.50.

**CALADIUM ESCULENTUM (Elephant's Ear)**

	Each	Doz.	100
Bulbs, 6 to 8 in. in circum.....	\$0.10	\$0.75	\$5.00
Bulbs, 8 to 10 in. in circum.....	.15	1.00	7.50
Bulbs, 10 to 12 in. in circum.....	.20	2.00	15.00
Monster bulbs, 12 in. and upward in circum.....	.50	5.00	40.00

**EREMURUS**

**Himalaicus.** The individual flowers, of peach-pink and very fragrant, are closely arranged on stately spikes 6 to 10 feet high, forming a magnificent column of bloom during June and July. Give a sunny position, sheltered from gales; plant the tubers in the Fall, while dormant, and set about 8 inches deep. Although hardy, it will be safer in northern states to protect with 4 to 6 inches of leaves, straw, manure or similar covering, to prevent the young growth which starts very early, from being nipped from late freezes. Strong, flowering roots. 75c. each, \$6.00 per doz.

**Robustus.** Delightful rosy pink. 75c. each, \$6.00 per doz.

**Bungei.** Beautiful golden yellow. One of the rarest and most lovely of the Eremurus. \$1.25 each, \$12.00 per doz.

**Elwesianus.** Soft pink, with bands of deeper color down the middle segments. \$1.00 each, \$10.00 per doz.

Collection of one each of the above for \$3.50

**BUNYARD'S INVINCIBLE GLOXINIAS****GLOXINIA ERECTA GRANDIFLORA**

This popular flowering plant is coming into greater vogue than ever, not only as a pot-plant for house decoration, but also for cut-flower purposes. Our strains of Gloxinias are the true erect-flowering type, grown by a specialist in Europe. Each Doz.

<b>Defiance.</b> Glittering crimson.....	\$0.20	\$2.00
<b>Emperor William.</b> Blue, white border.....	.20	2.00
<b>Kaiser Frederick.</b> Scarlet, white margin.....	.20	2.00
<b>King of the Reds.</b> Dark scarlet.....	.20	2.00
<b>Mont Blanc.</b> Snow white.....	.20	2.00
<b>Prince Albert.</b> Deep purple.....	.20	2.00
<b>Queen Wilhelmina.</b> Dark rose.....	.20	2.00
<b>Splendor.</b> Dark blue.....	.20	2.00
<b>Invincible Spotted Varieties.</b> These contain the most distinct and remarkable colors.....	.20	2.00
<b>All Colors Mixed.</b> .....	.15	1.50

**HYACINTHUS**

**Candicans.** A giant specimen of Hyacinth, blooming in August, producing a magnificent spike of thimble-like, pure white flowers 2 to 3 feet high. 10c. each, 75c. per doz., \$5.00 per 100.

**ISMENE**

**Calathina grandiflora.** A grand, Summer-flowering bulb. The flowers are of very large size, like an Amaryllis, snowy white, and are all exceedingly fragrant. 15c. each, \$1.25 per doz., \$10.00 per 100.

**LILY-OF-THE-VALLEY CLUMPS**

Large clumps of Lily-of-the-Valley for outside planting and naturalizing. These clumps will throw from 15 to 20 spikes of flowers. 25c. each, \$2.50 per doz., \$20.00 per 100.

**MADEIRA VINE**

A most popular climber. Strong roots, 5c. each. 50c. per doz., \$3.50 per 100.

**MONTBRETIAS**

**The Giant Montbretia, Prometheus.** We have much pleasure in offering to the trade this sterling novelty Montbretia, which has met with the fullest approval of all who have seen it, and been awarded certificates by the principal horticultural societies. Possessed of extraordinary vigor, it grows to a height of 3 to 4 feet, producing strong stems with numerous branches, bearing flowers larger than any other Montbretia, and exceedingly well proportioned, the average size is 3½ inches across, but we have measured flowers fully 4 inches across, and the color is a rich orange, with dark crimson spots at the base of the petals. 75c. each, \$7.50 per doz.

## MONTBRETIAS—Continued

**The Giant Montbretia, Star of the East.** Orange-yellow, with lemon-yellow eye; of enormous size and substance, reaching 5 inches in diameter of splendid constitution and boldly erect habit. We cannot speak too highly of this plant, which is undoubtedly the finest of Mr. Davison's hybrids. \$4.00 each, \$40.00 per doz.

**The Giant Montbretia, George Davison.** The stems are 3 feet high, eight- to ten-branched, bearing lovely pale orange-yellow flowers 3 inches across, widely expanded and tinted deeper orange externally. It is among the first to flower. 10c. each, 75c. per doz., \$5.00 per 100.

**The Giant Montbretia, Germania.** Grows from 3 to 4 feet high, producing graceful, free-branching flower-spikes, bearing very large, widely expanded flowers 2 to 3 inches across. The color is a rich, glowing orange-scarlet, with red throat. 5c. each, 40c. per doz., \$2.75 per 100, \$25.00 per 1000.

**The Giant Montbretia, Messidor.** A very distinct new seedling, tall growth, spikes much branched; color maple-yellow, passing to pale yellow, this is the nearest approach to a white variety at present. 10c. each, \$1.00 per doz., \$7.50 per 100.

**The Giant Montbretia, Martagon.** Deep orange, with brownish center; reflexed petals; very beautiful. 5c. each, 50c. per doz., \$4.00 per 100.

Collections one each of above Montbretias for \$5.00

	Doz.	100	1000
Crocoshæflora.			
Orange scarlet.....	\$0.15	\$1.00	\$7.50
Etoile de Feu.	.15	1.00	7.50
Rayon d'Or.	.15	1.00	7.50
Pottsii.	.15	1.00	7.50
Soleil Couchant.	.15	1.00	7.50

## OXALIS (Summer-flowering)

**Dieppi.** Pure white; very fine.

**Lasandria.** Fine rosy pink; beautiful cut foliage.

**Shamrock.** Lovely clover-like foliage and pink blossoms.

**Mixed Colors.** Several colors.

25c. per doz., \$2.00 per 100

## TIGRIDIAS, GIANT CALIFORNIA

We are introducing a strain of California-grown Tigridias, the bulbs of which are very large, solid and vigorous. These fine bulbs keep perfectly well over Winter under ordinary conditions, whereas smaller ones dry out and decay. They also make a remarkably strong and vigorous growth, blooming early and with remarkable profusion.

**Bunyard's New Hybrids.** In splendid mixture. Giant flowers of red, white, yellow, orange, rose, crimson and gold, with shades and combinations of color never shown before by Tigridias.

10c. each, 75c. per doz., \$5.00 per 100

## TUBEROSES

**Double Excelsior Pearl.** Selected bulbs, 4 to 6 in., 5c. each, 50c. per doz., \$2.50 per 100. Extra-selected bulbs, 6 to 8 in., 10c. each, 75c. per doz., \$5.00 per 100.

**Armstrong's.** The single, everblooming Tuberose. 10c. each, 75c. per doz., \$5.00 per 100.

## DIELYTRA SPECTABILIS (Bleeding Heart)

One of the most ornamental of hardy, Spring-flowering plants, with elegant green foliage and long, drooping racemes of heart-shaped flowers. Magnificent racemes of pink-and-white flowers. 10c. each, \$1.00 per doz., \$7.50 per 100.

## IRIS

**Japanese, Double and Single.** Named varieties, 15c. each, \$1.50 per doz., \$10.00 per 100.

GERMAN IRIS (*Iris Germanica*)

**Named varieties.** 10c. each, \$1.00 per doz., \$7.50 per 100.

**Pallida Dalmatica.** This is the grandest of all the German Irises. Deep, clear lavender; very large; flowers sweet scented. This Iris should be planted largely for cut-flowers. A grand variety for massing in borders. 20c. each, \$2.00 per doz., \$15.00 per 100.

# DAHLIAS

## PEONY-FLOWERED DAHLIAS

### THE ARISTOCRATS OF THE DAHLIAS

The Peony-flowered Dahlias comprise a new type of this grand decorative plant, and have created a sensation in Europe wherever shown. They have also received some of the highest honors ever accorded to novelties. Blooms grow erect on tall stems, are of immense size, measuring 6 to 8 inches across, and of distinct and remarkable coloring. They are grand for cutting and all decorative purposes, and last well in water.

The Florists' Exchange, the leading Trade Paper, held a "Dahlia election" in their issue of October 30, 1915 as to which were the most popular 6 leading varieties for cut flowers in their respective classes (not including Novelties). Considering this the best list, we are offering it to our customers; any favorite that you miss we will supply. See pages 86 and 87.

## Novelty Dahlias for 1916

The following are the cream of the European Novelty Dahlias and all received the highest awards—hence our reason for offering them.

### NOVELTY PÆONY-FLOWERED DAHLIAS

**Attraction.** Large, elegant flowers of a clear lilac, rose color; long strong stalks. Will be an attraction on every Dahlia Show in the world. It is an exhibition flower and garden Dahlia of rare merit. F. C. C. Haarlem 1914. F. C. C. Amsterdam 1914. \$1.00 each, \$10.00 per 12.

**Sterna.** Very large flowers, correct shape; pale sulphur color, long stalks. Award of Merit, Haarlem 1914. Award of Merit, Amsterdam 1914. \$1.00 each, \$10.00 per 12.

**Diana.** Crimson, violet reflected; large flowers, finely shaped, long stalks. Award of Merit, Haarlem 1914. Award of Merit, Amsterdam 1914. 60c. each, \$6.00 per 12.

**Mrs. J. C. Vaughan.** Lovely bright, clear yellow flowers; long stalks. This variety won the Silver Cup at the R. H. S. Dahlia trials, Duffryn 1914, as the most meritorious plant of one hundred and ten varieties of the Pæony flowered section there represented. F. C. C. Haarlem 1913. F. C. C. Amsterdam 1913. 50c. each, \$5.00 per 12.

**Yellow King.** "The finest Pæony-Dahlia ever shown," reported the July last year. Clear yellow, large elegant flowers, on long stiff stalks. F. C. C. Haarlem 1914. F. C. C. Amsterdam 1914. 75c. each, \$7.50 per 12.

**Bianca.** Large Cactus-type flowers of a lovely pink lavender color. Very free flowering. Long stalks. Award of Merit, Amsterdam 1914. 60c. each, \$6.00 per 12.

**Garibaldi.** Scarlet orange shaded; free flowering, and extra for the garden. Award of Merit, Haarlem 1914. Award of Merit, Amsterdam 1914. 60c. each, \$6.00 per 12.

### NOVELTY CACTUS-FLOWERED DAHLIAS

**Simplicity.** Flowers of the true Cactus types; fine soft lilac rose, long stiff stalks of the Pæony-type. Award of Merit, Haarlem 1914. 75c. each, \$7.50 per 12.

**Mrs. Warnaar.** Large, elegant flowers. Creamy white, with pink, long stiff stalks. A "Garden-Cactus" of superior quality. Award of Merit, Haarlem 1914. Award of Merit, Amsterdam 1914. 50c. each, \$5.00 per 12.

**Collection one each 9 varieties, \$6.00; three collections, \$15.00.**

**THE BEST SIX PEONY-FLOWERED DAHLIAS**

**Geisha.** The most peculiar color in this class. Orange red, with yellow center, paling off toward the ends of the petals. 50c. each, \$5.00 per doz.

**Konigin Wilhelmina.** An enormously large, pure white flower; sometimes measuring 7 inches in diameter. 25c. each, \$2.50 per doz.

**Bertha Von Suttner.** Beautiful salmon pink, shaded yellow; the flowers are of elegant form and carried erect. 40c. each, \$4.00 per doz.

**Konigin Emma.** Very large; soft rosy lake. 25c. each, \$2.50 per doz.

**Hampton Court.** Bright mauve pink, bold flower, good form. 25c. each, \$2.50 per doz.

**Dr. Peary.** One of the darkest, brilliant reddish mahogany. 30c. each, \$3.00 per doz.

Collection, one each of the 6 varieties, \$1.75.

**THE BEST SIX CACTUS DAHLIAS**

**Sweetbrier.** Exquisite pink color and splendid stem. 50c. each, \$5.00 per doz.

**Countess of Lonsdale.** A peculiar but pleasing blending of salmon pink and amber. 25c. each, \$2.50 per doz.

**Kalif.** A truly majestic flower, frequently measuring over 9 inches in diameter, of perfect Cactus form, in color a pure scarlet. About 4½ feet high; the gigantic flowers, which are produced very freely, are held erect on strong, stiff stems, making it a most effective and useful variety for cutting, as well as for garden decoration. 75c. each, \$7.50 per doz.

**Rene Cayeux.** Brilliant geranium red; early and free; a great favorite. 25c. each, \$2.50 per doz.

**Wotan.** Bold, large flower, frequently 7 inches in diameter; a graceful arrangement of semi-incurved tubular petals of a pleasing, delicate salmon-rose color, shading to old gold in the center. 30c. each, \$3.00 per doz.

**Wolfgang von Goethe.** Large, gracefully arranged, perfect flowers of a rich apricot, with carmine shadings. 30c. each, \$3.00 per doz.

Collection, one each of the 6 varieties, \$2.00.

**THE BEST SIX DECORATIVE DAHLIAS**

All varieties 25c. each, \$2.50 per doz., except where noted.

**Delice.** Color a glowing rose pink, together with its perfect shape, stout, stiff stems, and the fact that when cut it retains its freshness for a long time, makes this one of the most valuable for cutting or decorative sorts in the garden.

**Hortulanus Fiet.** A colossal-flowered variety, with blooms over 8 inches in diameter, of the most delicate shade of shrimp pink, the tip of each petal barely touched with gold. The entire flower has a suffusion of delicate tints of red and yellow. 75c. each, \$7.50 per doz.

**Jack Rose.** Brilliant crimson red, similar in shade to the popular "Jack" Rose which suggested its name; perfect for garden decoration or for cutting.

**Jeanne Charmet.** A splendid cut flower variety of a pleasing shade of violet rose on a lighter ground.

**Le Grand Manitou.** The best variegated Dahlia of the decorative type. The ground color white, prettily spotted, striped and blotched with deep, reddish violet; occasionally self-colored. 50c. each, \$5.00 per doz.

**Souvenir de Gustave Doazon.** Of mammoth proportions, which, under ordinary cultivation, will produce flowers 10 inches across. It is of free growth, remarkably profuse-flowering and crimson red in color.

Collection, one each of the above 6 varieties, \$2.00.

**THE BEST SIX SHOW DAHLIAS**

All varieties 25c. each, \$2.50 per doz., except where noted.

**A. D. Livoni.** A splendid, clear pink, beautifully quilled, of perfect form and very free flowering.

**Chas. Lanier.** The largest deep yellow Show Dahlia to date. Very rich yellow and fine for cutting.

**Cuban Giant.** Immense ball-shaped blooms of bright maroon; free and early.

**Dreer's White.** A pure, glistening white. 30c. each, \$3.00 per doz.

**Yellow Duke.** A splendid primrose yellow, of good form and always in flower.

**W. W. Rawson.** An exceptionally fine shaped, massive, large, double flower, which is produced on long stems; color pure white, delicately overlaid with mauve. 50c. each, \$5.00 per doz.

Collection one each of the above 6 varieties, \$1.75.

**THE BEST SIX POMPON DAHLIAS**

All varieties 25c. each, \$2.50 per doz.

**Catherine.** Well formed primrose yellow.

**Crimson Queen.** Deep crimson, shaded purple.

**Darkness.** Deep, velvety maroon.

**Kleine Domitea.** Orange buff; always in flower.

**Nerissa.** A beautiful shade of lively mauve pink that appeals to everyone and which shows up particularly pleasing under artificial light.

**Snowclad.** A fine pure white.

Collection, one each of the above 6 varieties, \$1.25.

**THE BEST SIX CENTURY SINGLE DAHLIAS**

All varieties 25c. each, \$2.50 per doz., except where noted.

These magnificent single varieties are all of free-branching habit, flowering early, profusely and continuously throughout the season. Flowers 4½ to 6 inches across on stems 3 feet long.

**Eckford Century.** Pure white, spotted and penciled with crimson. 50c. each, \$5.00 per doz.

**Golden Century.** A splendid large primrose yellow.

**Rose-Pink Century.** Flowers 6 inches and over in diameter, of a clear rose-pink color.

**Twentieth Century.** Early in the season an intense rosy crimson, shading gradually to almost white on the edges and a light halo around the disc. As the season advances the flowers become lighter, changing to almost pure white, suffused with soft pink.

**White Century.** Pure white, with large, heavy, overlapping petals of good texture.

**Wildfire Century.** Brilliant cochineal red, with orange-scarlet suffusion.

Collection, one each of the above 6 varieties, \$1.50.

**DUPLEX CENTURY DAHLIAS**

All varieties, 25c. each, \$2.50 per doz., except where noted.

These differ from the single Century type in having two or more rows of petals, while still retaining the general appearance and characteristics of the original type; they are splendid varieties, both for cutting as well as for garden decoration; all very free flowering.

**Centaur.** Brilliant orange red, shaded crimson. 40c. each, \$4.00 per doz.

**Merry Widow.** Exceptionally bright, deep scarlet flowers of a very large size; effective for massing.

**Prairie Fire.** A rich poppy red, very free. Nothing equals this for a mass of brilliant color.

**Sensation.** A gorgeous flower, brilliant vermillion red, heavily tipped with white.

Collection, one each of above 4 varieties, \$1.00.

## BUNYARD'S INVINCIBLE GLADIOLI

As a cut-flower the Gladiolus is more accommodating to circumstances than are most others. If required at an earlier date than that on which the flowers would naturally open, they may be cut and the stems inserted in water, and placed in a warm temperature, to which response is speedily manifest; or, if too early, they may be retarded, and will keep fresh for several days in a cool room or cellar. For conveying distances, they are unsurpassable for the length of time they will remain without moisture in a close-fitting box uninjured, and when placed in water on arrival at their destination, they quickly revive, and the unopened blooms commence to expand nearly as well as though they had roots and corm beneath them.

Gladioli are among the easiest and most satisfactory bulbs to grow, and beautify the large and small garden alike—their utility as a decorative flower, either cut or growing, is unquestioned.

Gladioli can be grown in beds by themselves or planted in the herbaceous border, or among the Roses, Peonies and shrubbery, where they will flower when other flowers are out of bloom.

The best time to plant is about the first of May, putting in the smallest bulbs first, and reserving the larger bulbs for later planting. A succession of bloom may be had from July to October by making plantings two weeks apart up to the end of June.

To secure early blooms, the bulbs can be started in pots, or they can be retarded by late planting and cold storage.

Bulbs can be planted as soon as danger of frost is past. A good, deep, rich soil suits them best. They should be set about 4 inches deep and 6 inches apart each way, if beds are required. When in full growth and coming into flower, they should be heavily mulched or watered with diluted cow-manure. If necessary, stake with light bamboo canes.

### THE MOST POPULAR GLADIOLI

**America.** By far the most vigorous and easily grown Gladiolus known. This beautiful Gladiolus has produced as great a sensation as the now famous Princeps. The flowers, which are of immense size, are of the most exquisite, soft lavender pink, very light, almost a tinted white. The color is the same as seen in the most exquisite Cattleya Orchids. For cut use and bedding it is without a rival.

	12	100	1000
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Top Roots.....	\$0.25	\$1.75	\$16.00
Large Bulbs.....	.25	1.50	14.00
First Size.....	.20	1.25	12.00

**Augusta.** Pure white, with slight tint of lavender on throat. The finest white Gladiolus in existence for the amateur.

	12	100	1000
Top Roots.....	\$0.40	\$2.75	\$25.00
First Size.....	.35	1.75	15.00

**Baron Hulot.** The finest blue Gladiolus. It is a rich, deep blue of an indigo shade. One of the very few real blue Gladioli on the market, and a very valuable addition to the list of extra fine sorts.

	12	100	1000
Top Roots.....	\$0.40	\$2.75	\$25.00
First Size.....	.35	1.75	15.00

**Brenchleyensis.** Vermilion scarlet; one of the most showy, satisfactory and cheapest.

	12	100	1000
Top Roots.....	\$0.40	\$2.75	\$25.00
First Size.....	.35	1.75	15.00

**Canary Bird.** This, without doubt, is the best yellow variety next to Sulphur King. A pure canary yellow that is very pleasing and attractive.

	Each	Doz.	100
Top Roots.....	\$0.10	\$1.00	\$8.00

**Europa.** One of the finest white Gladioli, and the individual flowers are the purest in snowy whiteness. 20c. each, \$2.00 per doz., \$15.00 per 100.

**Groff's New Hybrids.** The flowers are of great substance and gigantic; every known color among Gladioli is represented, and many shades never before seen, particularly blues, grays and purple blacks; with beautifully mottled and spotted throats. Mixed colors, 5c. each, 35c. per doz., \$2.25 per 100, \$20.00 per 1000.

## BUNYARD'S INVINCIBLE GLADIOLI—Continued

**Mrs. Francis King.** Color of flower is a light scarlet of a pleasing shade, which attracts attention at once.

	12	100	1000
Top Roots.....	\$0.40	\$2.25	\$20.00
First Size.....	.35	1.75	15.00

**Mrs. Francis Pendleton, Jr.** This splendid Gladiolus was awarded a First-class Certificate of Merit by the Massachusetts Horticultural Society of Boston and by the American Gladiolus Society at Baltimore, 1911. This new variety is the result of crossing the best of the largest-flowered type and is now a type of its own. Its color is the most exquisite salmon pink, with a very conspicuous blood-red blotch in the throat on the lower petals. 20c. each, \$2.00 per doz., \$15.00 per 100.

**May.** White, flaked rosy crimson; under greenhouse cultivation comes almost pure white. 10c. each, 75c. per doz., \$5.00 per 100, \$40.00 per 1000.

**Peace.** Flowers are large, of good form, correctly placed on a heavy, straight spike. Color beautiful white, with a pale lilac feathering on the inferior petals. 15c. each, \$1.25 per doz., \$8.00 per 100.

**Panama.** A new seedling of America, which it resembles in every way except that it is a much deeper pink. A grand variety which evokes words of praise wherever exhibited. Spike very long, with flowers large and well arranged. Awarded First-class Certificate by the Newport Horticultural Society, Sept. 16, 1911.

	12	100	1000
Top Roots.....	\$0.75	\$5.50	\$50.00
First Size.....	.50	3.50	30.00

**Princeps.** One of the finest Gladioli in cultivation. Color rich crimson, with broad white blotches across the lower petals. Flowers can be grown to nearly 8 in. in diameter under stimulating culture.

	12	100	1000
Top Roots.....	\$0.40	\$2.50	\$20.00
First Size.....	.35	1.75	15.00

**Liebesfeur.** (Love fire.) Undoubtedly the best self scarlet Gladiolus in existence; the flower spikes bear from 8 to 10 open flowers at a time—the form is perfect, and flowers are as large as Princeps—it should be in every collection.

	Each	12	100
Top Roots.....	\$0.20	\$2.00	\$15.00
First Size.....	.15	1.50	10.00

**Empress of India.** Very deep, crimson, almost black.

	12	100	1000
Top Roots.....	\$0.40	\$2.75	\$25.00
First Size.....	.35	2.50	20.00

**Pink Beauty.** Lovely soft rose with darker spots; very free-flowering and the earliest variety to flower.

	12	100	1000
Top Roots.....	\$0.25	\$1.75	\$15.00
First Size.....	.20	1.25	10.00

**Schwaben.** One of the best yellow Gladiolus.

	12	100
Top Roots.....	\$1.00	\$7.50
First Size.....	.75	5.00

**Primulinus.** A very rare and beautiful species from Victoria Falls, South Africa. Height 3 to 4 feet, and very vigorous. The flowers borne very profusely, are a clear primrose yellow, with intermediate orange shades. 75c. per 12, \$6.00 per 100.

### BUNYARD'S INVINCIBLE MIXTURES OF GLADIOLI

**Bunyard's Garden Club Mixture,** being the highest types of this grand flower, and containing the finest named varieties in commerce, carefully selected and mixed in proportionate colors, to please the most critical. Our guarantee of quality is behind this exceptional offer, and to those who are lovers of this beautiful genus we commend it, feeling assured that it will please the most fastidious. \$1.00 per doz., \$7.50 per 100, \$60.00 per 1000.

**Scarlet and Red.** Mixed. 40c. per doz., \$2.50 per 100.

**Striped and Variegated.** Mixed. 50c. per doz., \$4.00 per 100.

**BUNYARD'S INVINCIBLE MIXTURES OF GLADIOLI—Continued**

**American Hybrids.** All colors mixed. 25c. per doz., \$2.00 per 100.

**Bunyard's Invincible White and Light.** Mixed. The finest mixture of light shades ever offered, containing a large percentage of the finest named sorts. 40c. per doz., \$2.75 per 100, \$25.00 per 1000.

**Lemoine's Spotted Hybrids Mixed.** Popularly known as Butterfly Gladioli. Remarkable for the richness and variety of their colors and odd, Orchid-like markings. 30c. per doz., \$2.00 per 100.

**Orange and Yellow.** Mixed. 75c. per doz., \$5.00 per 100.

**Pink and Rose Shades.** Mixed. 40c. per doz., \$2.50 per 100.

Other varieties of Gladioli not herein enumerated can be supplied upon application.

**HARDY JAPANESE LILIES****LILIUM AURATUM (Golden-Rayed Lily of Japan)**

Monstrous, pure white flowers, thickly studded with crimson spots, each petal marked with a wide gold band. A good forcing and excellent for outdoor effect, being perfectly hardy.

	Each	Doz.	100
8 to 9 in. bulbs.....	\$0.10	\$1.00	\$8.00
9 to 11 in. bulbs.....	.20	1.75	14.00
11 to 13 in. bulbs.....	.35	3.50	25.00
Monsters.....	.60	4.50	35.00

**LILIUM SPECIOSUM ALBUM**

Pure white; a grand variety.	Each	Doz.	100
8 to 9 in. bulbs.....	\$0.25	\$1.50	\$12.00
9 to 11 in. bulbs.....	.30	2.75	20.00
11 in. and over.....	.40	4.00	30.00

**LILIUM SPECIOSUM MELPOMENE MAGNIFICUM**

Very rich crimson.	Each	Doz.	100
8 to 9 in. bulbs.....	\$0.10	\$1.00	\$8.00
9 to 11 in. bulbs.....	.20	2.00	15.00
11 to 13 in. bulbs.....	.30	3.00	22.00
Monsters.....	.45	4.50	35.00

**LILIUM SPECIOSUM RUBRUM**

White ground, spotted rose on each petal; very handsome.

	Each	Doz.	100
8 to 9 in. bulbs.....	\$0.15	\$1.25	\$8.00
9 to 11 in. bulbs.....	.20	2.00	15.00
11 in. and over.....	.30	2.75	22.00
Monsters.....	.45	4.50	35.00

**RETARDED LILY BULBS FROM COLD STORAGE**

	Doz.	100
Lilium longiflorum giganteum. 8- to 9-in. bulbs	\$2.50	\$20.00
9- to 10-inch bulbs.....	4.50	30.00
Lilium speciosum Melpomene. 9- to 11-inch bulbs.....	5.00	40.00
Lilium speciosum album. 9- to 11-inch bulbs..	5.00	40.00
Lilium speciosum rubrum. 9- to 11-inch bulbs.	5.00	40.00

**VARIOUS JAPANESE, EUROPEAN AND AMERICAN GARDEN LILIES****FOR OUTDOOR PLANTING AND NATURALIZING**

*Culture of Various Garden Lilies.* A deep, moist, rich loam is necessary for Lilies. A stubborn clay may be improved for them by deep digging, and incorporating with the staple plenty of decayed manure and leaf-mold. They all thrive in peat or rotted turf, or indeed in any soil containing an abundance of decomposing vegetable matter. They should be planted deep for their size, never less than 6 in. When they have stood some years, they should be taken up and parted. The borders must be deeply dug and liberally manured before replanting.

VARIOUS JAPANESE, EUROPEAN AND AMERICAN GARDEN  
LILIES—Continued

**Lilium myriophyllum.** The flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow at the center, and extending part way up the trumpet. \$1.25 each, \$12.00 per doz.

**L. Sargentiae.** This is one of the strongest-growing Lilies, frequently attaining a height of 6 to 8 ft. The flowers vary in number from five to ten on a stalk, and in size and shape resemble *Lilium Harrisii*, being greenish white, shaded purple on the outside and of the purest white within, with a tint of citron in the center. \$1.25 each, \$12.00 per doz.

<b>Batemanniae.</b>	An attractive, strong-grow-	Each	Doz.	100
ing Lily; height about 4 ft., producing five to eight rich, apricot-colored flowers on a stem. August.....	.....	\$0.20	\$2.00	\$15.00
<b>Canadense flavum.</b> Our dainty, beautiful, native Lily. Graceful and charming yellow. July.....	.....	.20	2.00	15.00
<b>Canadense rubrum.</b> Red flowers. July...	...	.20	2.00	15.00
<b>Canadense, Mixed.</b> July.....	.....	.15	1.50	10.00
<b>Elegans, Incomparable.</b> The richest red known in Lilies; a deep, ox-blood crimson, slightly spotted with black; very free and easily grown.....	.....	.15	1.50	12.00
<b>Elegans bicolor.</b> Bright red, flushed orange. ....	.....	.15	1.50	12.00
<b>Elegans, Painted Chief.</b> Bright flame color. ....	.....	.20	2.00	15.00
<b>Elegans robusta.</b> Orange, spotted black....	....	.15	1.25	10.00
<b>Elegans, Aurora.</b> Orange, suffused scarlet..	..	.25	2.50	15.00
<b>Elegans, Mixed.....</b>	.....	.10	1.00	8.00
<b>All the Elegans Lilies are dwarf and early June-flowering.</b>				
<b>Henryi.</b> Same form and appearance as the Speciosums, but are bright orange yellow. Mammoth Bulbs.....	.....	.65	6.50	50.00
Mammoth Bulbs.....	.....	.50	5.00	40.00
<b>Superbum.</b> In a collection of best plants of all countries, our native Superbum Lily would deserve a first place. In deep, rich soil it often grows 8 feet high, with twenty to thirty flowers. It is of the easiest culture, and may be grown as a wild flower in any swampy or rough part of a place where the grass is not mown. July and August..	..	.15	1.50	12.00
<b>Tenuifolium.</b> A beautiful, graceful Lily, with crimson, reflexed flowers. Blooms in June.....	.....	.15	1.25	10.00
<b>Thunbergianum (elegans) atrosanguineum.</b> Dark red. The Thunbergianums are of easiest culture, and bloom in June.....	.....	.20	2.00	15.00
<b>Tigrinum flore pleno.</b> <i>The Double Tiger Lily.</i> August and September.....	.....	.12	1.25	9.00
<b>Tigrinum splendens.</b> <i>Improved Single Tiger Lily.</i> August and September.....	.....	.10	1.00	8.00
<b>Umbellatum.</b> <i>Dahuricum.</i> The colors range through all shades of red from rose to blackish crimson, yellow, buff, apricot, orange, etc., many being beautifully spotted. Mixed colors. June and July.....	.....	.10	1.00	8.00
<b>Wallacei.</b> Lovely vermillion orange. June and July.....	.....	.15	1.25	10.00

# ROSES

## DORMANT, HARDY and HYBRID PERPETUAL Selected, Large, Two-Year-Old Bushes; Low-Budded

Roses still hold popular sway in the garden, and to meet requirements we have made special arrangements this year with regard to the quality of the stock and list of varieties, which we have selected primarily for their hardiness, variety of coloring and productiveness. We are handling only English Grown Roses, as we find these are much better ripened, and much more satisfactory than the cheap Holland-grown Roses usually sold at department stores.

### HARDY HYBRID PERPETUAL ROSES

**English (imported) Roses,** 40c. each, \$1.75 per bundle of 5 (one variety only), \$30.00 per 100, \$250.00 per 1000.

**Alfred Colomb.** Carmine crimson; a grand Rose.

**Anne de Diesbach.** Bright carmine.

**Ball of Snow.** *Boule de Neige.* Large, pure white, globular.

**Baroness Rothschild.** An exquisite shade of satin pink.

**Captain Hayward.** Scarlet crimson; perfect form.

**Capt. Christy.** Delicate flesh color, deepening toward center.

**Clio.** Satin blush; very fine new sort.

**Frau Karl Druschki.** Snow white. Makes splendid buds and immense flowers, 4 to 5 inches across, perfectly double.

**Gen. Jacqueminot.** Brilliant crimson; the popular Rose.

**Hugh Dickson.** Brilliant crimson, shaded scarlet.

**John Hopper.** Bright rose, with carmine center.

**La France.** Peach-blossom pink; blooms all Summer.

**Mabel Morrison.** Pure white, large, massive and perfect.

**Margaret Dickson.** White, with pale flesh center.

**Marshall P. Wilder.** Cherry rose and carmine.

**Magna Charta.** Dark pink; one of the easiest Roses to grow.

**Mme. Gabriel Luizet.** Light, satiny pink; attractive sort.

**Mrs. John Laing.** Rich, satiny pink; delicious fragrance.

**Mrs. Sharman-Crawford.** Deep, rosy pink, the outer petals shaded with pale flesh color.

**Paul Neyron.** Flowers 5 inches across; lovely, dark pink.

**Persian Yellow.** Hardy yellow Rose; best of its color.

**Prince Camille de Rohan.** Dark crimson maroon.

**Soleil d'Or.** *Golden Sun.* Globular flowers, varying in color from gold and orange to reddish gold, shaded with nasturtium red. Do not prune this variety.

**Ulrich Brunner.** Cherry red; grand Rose; free blooming.

### THE BEST EVERBLOOMING ROSES

**Caroline Testout.** Bright satin rose, with brighter center. 35c. each; bundle of 5, \$1.50; \$25.00 per 100.

**Countess of Gosford.** A very beautiful variety of the Hybrid Tea class, somewhat resembling Killarney. Delicate pink; fine flower and bud; a splendid acquisition. 50c. each; bundle of 5, \$2.00; \$35.00 per 100.

**Dean Hole.** Silvery carmine shaded salmon; very distinct and free flowering. 40c. each; bundle of 5, \$1.75; \$30.00 per 100.

**Duchess of Wellington.** Intense saffron yellow, stained with rich crimson, which, as the flower develops, becomes deep, coppery saffron yellow. 50c. each; bundle of 5, \$2.00; \$35.00 per 100.

**Edward Mawley.** A beautiful, rich crimson, touched with maroon, with a delightful velvety gloss on the petals, which are large, forming a good-sized flower with high, globular center. The growth is strong and the flowers are borne in profusion. Awarded a Gold Medal by the National Rose Society. 50c. each; buhdle of 5, \$2.00; \$35.00 per 100.

## THE BEST EVER-BLOOMING ROSES—Continued

**George C. Waud.** A beautiful variety, possessing a shade of color hitherto unknown among Roses—a glowing vermillion with orange-red suffusion. The flowers are large, full, of perfect form, and highly tea-scented. The plant is of vigorous growth and very free flowering. 50c. each; bundle of 5, \$2.00; \$35.00 per 100.

**Gruss an Teplitz.** No Rose in commerce can compare with Gruss an Teplitz as a bedder. It is a perfect sheet of richest crimson scarlet all Summer. A strong, vigorous grower. Hardy. 25c. each; bundle of 5, \$1.25; \$20.00 per 100.

**Harry Kirk.** Irish yellow Tea Rose. Color deep sulphur yellow, passing to a lighter shade at the edges of the petals. In our judgment it is by long odds the finest yellow everblooming Rose yet introduced. 50c. each; bundle of 5, \$2.00; \$35.00 per 100.

**Jonkheer J. L. Mock.** The flowers, which are produced with the greatest freedom, are of large size and perfect form, of a deep imperial pink, the outside of the petals silvery rose white. 50c. each; bundle of 5, \$2.00; \$35.00 per 100.

**Kaiserin Augusta Victoria.** An almost pure white Rose, shaded a beautiful primrose. 40c. each; bundle of 5, \$1.75; \$30.00 per 100.

**Killarney.** The buds are long, of beautiful, soft pink; the keeping qualities of the flowers are exceptional. 35c. each; bundle of 5, \$1.50; \$25.00 per 100.

**Laurent Carle.** Brilliant, velvety carmine; very large; valuable either for exhibition or decoration. 50c. each; bundle of 5, \$2.00; \$35.00 per 100.

**Lyon.** The flowers are generally produced singly, though two or three occasionally come on the same shoot. The buds are of large size and long, round-shaped, coral-red in color, strongly tinted with chrome yellow at the base. The blooms are very large, with broad petals, full and globular in form; superb in coloring, shrimp pink at the end of the petals, center coral-red or salmon pink, shaded with chrome yellow, thus making a most charming and happy contrast of colors. 50c. each; bundle of 5, \$2.25; \$40.00 per 100.

**Lady Hillingdon.** Deep orange yellow; medium size; long and pointed bud. A beautiful Rose for all purposes; also a good forcer. 50c. each; bundle of 5, \$2.25; \$40.00 per 100.

**Maman Cochet, Pink.** A heavy and constant bloomer; clear, rich pink, changing to silvery rose; double and fragrant. 40c. each; bundle of 5, \$1.75; \$30.00 per 100.

**Maman Cochet, White.** Color a beautiful snow white, at times tinted with the faintest suggestion of blush, the same as is often found in "The Bride." 40c. each; bundle of 5, \$1.75; \$30.00 per 100.

**Mme. Jules Grolez.** A beautiful, satiny, rose-china color, very bright and attractive. 40c. each; bundle of 5, \$1.75; \$30.00 per 100.

**Mrs. Aaron Ward.** Indian yellow, occasionally washed salmon rose. 50c. each; bundle of 5, \$2.00; \$35.00 per 100.

**Mrs. Theodore Roosevelt.** Creamy white, center rose. 75c. each; bundle of 5, \$3.50; \$65.00 per 100.

**Mme. Ravary.** Buds golden yellow, open flowers nankeen yellow; a distinct and valuable garden variety. 50c. each; bundle of 5, \$2.00; \$35.00 per 100.

**Pres. Taft.** Bright red, very sweet scented. 50c. each; bundle of 5, \$2.25; \$40.00 per 100.

**Rayon d'Or.** Cadmium yellow as the bloom begins to open, toning to Sunflower yellow when fully expanded. 50c. each; bundle of 5, \$2.25; \$40.00 per 100.

**Sunburst.** Very fine deep yellow, tinted orange. 50c. each; bundle of 5, \$2.25; \$40.00 per 100.

**White Killarney.** The color is pure white. White Killarney, like its prototype, is unusually hardy. 40c. each; bundle of 5, \$1.75; \$30.00 per 100.

**Wm. R. Smith.** The general color effect is a peachy blush, with yellow at base of petals. 40c. each; bundle of 5, \$1.75; \$30.00 per 100.

**Collection:** One each of the above 25 Roses, \$10.00; one bundle (5) of each, 125 plants, of the above 25 Roses for \$45.00.

**RAMBLER ROSES**

**Tausendschon.** *Thousand Beauties.* The flowers appear from beginning of June till end of July, in large, loose clusters; of a lovely, soft pink color. 35c. each; bundle of 5, \$1.50; \$25.00 per 100.

**Crimson Rambler.** (American grown.) Strong, 2-year-old plants grown on their own roots at the following prices: 4 to 5 feet long, 50c. each, \$4.50 per 10, \$40.00 per 100; 4 feet long, 25c. each, \$1.25 for 5, \$20.00 per 100.

**Dorothy Perkins.** Color a lovely shell pink, holding a long time without fading. 25c. each, \$1.25 for 5, \$20.00 per 100.

**STANDARD, or TREE ROSES**

(Grafted on Rugosa Stock)

**STANDARD HARDY HYBRID PERPETUAL ROSES**

Standards about 4½ feet. Assorted. 75c. each, \$6.50 per doz., \$50.00 per 100.

**STANDARD HYBRID TEA, or EVERBLOOMING**

Standards about 4½ feet. 75c. each, \$7.50 per doz., \$60.00 per 100.

**GRAFTED AND OWN-ROOT TEA ROSES FOR FORCING. NEW ROSES FOR 1916. PRICES UPON APPLICATION**

Varieties of Roses other than the above can be furnished upon application.

**Select List of Hardy Climbing Plants**

All plants are forwarded on receipt of order unless instructed to the contrary, and are sent by express, purchaser paying charges. We can forward small plants by parcel post, and if wanted sent in this way, add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

**AMPELOPSIS VEITCHII (Boston Ivy, or Japan Ivy)**

The most popular climbing plant for covering brick, stone or wooden walls, trees, etc.; when it becomes established it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive green during the Summer, changing to various shades of bright crimson and scarlet in the Fall. In planting Ampelopsis of all kinds, the plants, if still in a dormant condition, should be cut down to within 6 inches of the ground, so that the new growth may cling to the wall or tree from the bottom up. Extra strong, two-year-old plants, 25c. each, \$2.50 per doz., \$18.00 per 100.

**ARISTOLOCHIA SIPHO**

(Dutchman's Pipe Vine)

A vigorous and rapid growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its light green leaves, which are of very large size, and retain their color from early Spring to late Fall; perfectly hardy. Strong plants, 50c. each, \$5.00 per doz.

**BIGNONIA** (Trumpet Vine)

For covering unsightly places, stumps, rockwork, or wherever a showy-flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive and borne profusely when the plants attain a fair size.

**Radicans.** Dark red, orange throat, free blooming and very hardy. 25c. each, \$2.50 per doz.

**WISTARIAS**

One of the best hardy climbers.

**Sinensis.** The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed.

**Sinensis alba.** Of similar habit to Sinensis, with pure white flowers.

Price any of the above, strong plants, 60c. each, \$6.00 per doz.

**HARDY ENGLISH IVY**

Invaluable evergreen variety, used for covering walls, etc., and has become very popular for covering graves, especially if in the shade, where grass will not succeed. Large plants, 25c. each, \$2.50 per doz., \$18.00 per 100.

**VARIOUS HARDY CLEMATIS**

Strong plants. 50c. each, \$5.00 per doz.

**HONEYSUCKLES**

Assorted varieties. Extra strong plants, 6 feet long, 50c. each, \$5.00 per doz.

**PUERARIA THUNBERGIANA** (Kudzu Vine)

The most rapid growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season. Its foliage is large, and furnishes dense shade; it bears small racemes of rosy purple, Pea-shaped blossoms toward the close of August. 25c. each, \$2.50 per doz.

# Choice Hardy Shrubs

**NOTE.**—Shrubs will be shipped on receipt of orders, or as soon as they can be dug, unless instructed to the contrary, and can only be sent by freight or express, at purchaser's expense. They are too heavy and large to be sent by mail. No charge for boxes, packing or delivery to express, freight or steamship lines.

**BUDDLEIAS** (Butterfly Shrub, or Summer Lilac)

The two varieties offered below are great improvements on the old Buddleia variabilis, and should be included in every collection of choice shrubs.

**Variabilis Veitchianus.** One of the most desirable Summer-flowering shrubs, beginning to bloom in July, it continues until cut by severe frost. The flowers are of a pleasing shade of violet mauve, and are borne in dense cylindrical spikes, which, under liberal cultivation, are from 12 to 15 inches in length by 3 inches in diameter; it succeeds everywhere and flowers freely the first season planted. 25c. each, \$2.50 per doz.

**Variabilis magnifica.** Similar to the above, with flower spikes not quite as large, but of a deeper violet-rose color. 50c. each, \$5.00 per doz.

**HYDRANGEAS**

**Arborescens grandiflora.** *Snowball Hydrangea.* This magnificent, perfectly hardy American shrub has snow white blossoms of largest size. One of its most valuable characteristics is its coming into bloom just after the passing of all the early Spring shrubs, while its long flowering season, from early June until late August, makes it a valuable acquisition in any garden. Strong flowering plants, 25c. each, \$2.50 per doz., \$18.00 per 100.

## HYDRANGEAS—Continued

**Paniculata grandiflora.** Without doubt the best known and most popular Summer-flowering shrub in cultivation. The flowers, which are borne in dense pyramidal panicles a foot long in the greatest profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks.

Fine bush plants, 25c. each, \$2.50 per doz., \$15.00 per 100. Extra fine bush plants, 50c. each, \$5.00 per doz., \$30.00 per 100. Standard or tree-shaped plants, which will make beautiful specimens for the lawn or garden, 75c. each.

## SPIRÆAS

**Anthony Waterer.** A valuable variety; color bright crimson; it is of dwarf growth, never exceeding 30 inches in height; in bloom the entire Summer and Fall. 25c. each.

**Thunbergii.** One of the most charming of all low-growing shrubs, with fine, delicate foliage, and a profusion of small, white flowers in Spring. 25c. each.

**Van Houttei.** *Bridal Veil.* The grandest of all the white Spiræas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. 25c. each, \$2.50 per doz.

## VIBURNUM

**Opulus.** *High Bush Cranberry.* The white flowers in June are followed in Autumn by bright scarlet berries, which are very attractive until very late in Winter. 25c. each.

**Opulus Sterilis.** *Snowball, or Guelder Rose.* The popular white Snowball, filled with large, pendant balls of white flowers in May. 25c. each.

**Plicatum.** *Japan Snowball.* One of the choicest hardy shrubs, with healthy dark foliage; the perfect balls of pure white flowers are borne in great profusion in May. 50c. each.

## Hedge Plants

**BERBERIS Thunbergii.** *Japan Barberry.* Where a low, dwarf, deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep it in shape. The leaves are small, light green and toward Fall assume rich, brilliant colors, the fruit or berries becoming scarlet. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart. Extra strong three-year-old plants, 18 to 24 inches high, \$2.00 per doz., \$15.00 per 100, \$120.00 per 1000.

**LIGUSTRUM Ovalifolium.** *California Privet.* Of all hedge plants this is the most popular and more of it is planted than all others combined. It is of free growth and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. Plant 10 to 12 inches apart. Strong, two-year-old plants, 24 to 30 inches high, \$5.00 per 100, \$40.00 per 1000.

Prices of stronger stock upon application.

We can also supply other plants and shrubs for all purposes, and have a landscape expert who will advise the planting and laying out of your grounds for a nominal fee. For further information write us.

We can also supply Strawberry plants and fruit trees. Prices and list of varieties upon application.

## GARDEN TOOLS AND MISCELLANEOUS GARDEN SUPPLIES

Aprons, Gardeners'.	English made.	Each
Fine shalloon, 39-in., with bib and pocket.....	.....	\$2.25
Fine shalloon, 36-in., with bib and pocket.....	.....	2.00
Heavy serge, 39-in., with bib and pocket.....	.....	1.50
Heavy serge, 36-in., with bib and pocket.....	.....	1.25

**GARDEN TOOLS AND MISCELLANEOUS GARDEN SUPPLIES—  
Continued**

**Barrows, Patent Garden.** These barrows are firmly bolted together, iron-braced and so constructed that they can be folded flat down in one package for shipment. Can be set up for use in a few minutes.

Wood Wheels Steel Wheels

No. 20, holding 3 cubic feet.....	\$4.00	\$4.25
No. 30, holding 4 cubic feet.....	4.25	4.50
No. 40, holding 6 cubic feet.....	5.25	5.50

**Barrow, Regular Garden.** These are made in five sizes, well built and nicely finished.

No. 2, Boy's, holding 2 cubic feet.....	\$3.20
No. 3, Small, holding 3 cubic feet.....	3.60
No. 4, Medium, holding 4 cubic feet.....	4.00
No. 5, Regular, holding 5 cubic feet.....	4.50
No. 6, Large, holding 6½ cubic feet.....	5.25
No. 4 is also specially constructed for use in Greenhouses..	4.20

Baskets, Wire, Hanging.	Each	Doz.
5-in. bottom, 9-in. top.....	\$0.50	\$5.00
7-in. bottom, 12-in. top.....	.65	6.50
9-in. bottom, 14-in. top.....	.90	9.00

**Baskets, Imported English Garden.**

No. 2, size 11½ x 6 in.....	.40	4.50
No. 3, size 13¼ x 7½ in.....	.55	6.25
No. 4, size 15 x 8½ in.....	.60	6.75
No. 5, size 17½ x 9½ in.....	.75	8.50
No. 6, size 20½ x 10½ in.....	.90	10.00
No. 8, size 26 x 14 in.....	1.25	14.00
No. 9, size 28 x 15 in.....	1.50	17.00

Baskets for Orchids. Cherry wood.	Doz.	100
5-in.....	\$4.00	\$28.00
6-in.....	4.50	32.00
8-in.....	5.50	40.00

**Blinds, Split Bamboo.** Tied with hemp string, and with pulleys.

For shading greenhouses, or for porches and verandas. 5, 6, 8  
10 and 12 ft. wide, all 8 ft. long in the drop. Price, \$3.00  
per 100 sq. ft.

Intermediate sizes of above made to order. Price on application.

**Boxes, Flower, Cardboard.** Order by number.

	Depth	Length	Width	Per 100
No. 4½.....	2¾ in.....	16 in.....	4 in.....	\$3.00
No. 6A.....	3 in.....	18 in.....	6 in.....	3.75
No. 10.....	4 in.....	23 in.....	7½ in.....	6.00
No. 12A.....	6 in.....	26 in.....	16 in.....	12.00
No. 17.....	8 in.....	22 in.....	22 in.....	15.00
No. 21.....	6 in.....	36 in.....	8 in.....	12.00
No. 23.....	5 in.....	30 in.....	8 in.....	10.00
No. 25A.....	7 in.....	36 in.....	12 in.....	15.00

**Boxes, Corrugated Cardboard.** For shipping. Very strong and reinforced. Shipped flat.

	Doz.	100
No. A.....	20 x 7 x 4 in.....	\$1.50 \$10.00
No. B.....	28 x 8 x 5 in.....	2.00 15.00
No. C.....	30 x 12 x 6 in.....	2.25 17.00
No. D.....	36 x 14 x 8 in.....	3.25 25.00
No. E.....	42 x 13 x 6 in.....	3.50 26.00
No. F.....	48 x 18 x 8 in.....	4.50 34.00

**Boxes, Leatheroid, for Shipping Cut-Flowers.** Very strong and durable.

3-Tray Cases.	Length	Width	Depth	Each
Model A.....	30 in.....	14 in.....	16 in.....	\$15.00
Model B.....	34 in.....	15 in.....	16 in.....	16.00
Model C.....	38 in.....	16 in.....	16 in.....	20.00

**2-Tray Cases.**

Model D.....	30 in.....	14 in.....	11 in.....	13.00
Model E.....	34 in.....	15 in.....	11 in.....	15.00
Model F.....	38 in.....	16 in.....	11 in.....	18.00

**Willow Trays.** For above.

For Models A and D, 30 in.....	3.25
For Models B and E, 34 in.....	3.75
For Models C and F, 38 in.....	4.00

**GARDEN TOOLS AND MISCELLANEOUS GARDEN SUPPLIES—  
Continued**
**Flower Pots.** Sizes, height and width inside.

	Per 100	1000		Per 100	
2½-in.....	\$0.75	\$6.25	8-in.....	.....	\$9.50
3 in.....	1.10	9.75	9 in.....	.....	13.50
4 in.....	1.75	15.00	10 in.....	.....	18.00
5 in.....	3.00	28.00	11 in.....	.....	25.00
6 in.....	4.25	40.00	12 in.....	.....	35.00
7 in.....	7.00		14 in.....	.....	70.00

**Round Seed-Pans**

Inches	Each	Doz.	100
6.....	\$0.07	\$0.75	\$4.00
8.....	.10	1.20	6.65
10.....	.20	2.25	12.00
12.....	.35	4.20	23.50

**Square Seed-Pans**

Inches	Each	Doz.	100
6x 6.....	\$0.25	\$3.00	\$15.65
8x 8.....	.30	3.60	20.00
10x10.....	.40	4.50	26.00
12x12.....	.50	5.50	29.00

**Garden Line, Finest Braided.** 50 ft., 50c.; 100 ft., 90c.

**Garden Reels.** For above, of wrought iron, 75c. and \$1.00.

**Gloves, Gardeners'.** Harvest Tan, pair, \$1.25; Drummond's Pruning, pair \$1.50.

**Glazing Points, Peerless.** The Improved Van Reyper. Made in three sizes, viz.: No. 1, for small, single-thick glass; No. 2, for medium, double-thick glass; No. 2½, for large, double-thick and skylight glass. 1000, 60c.

Siebert's (Ptd.). No rights or lefts. Lb. 75c.

**Horse Boots.** The best make. For size, measure the outer edge of shoe. Per set of 4 boots, \$9.00.

**Hose (Rubber Garden) and Hose Attachments.** See page 102.

Labels, Wooden, Pot or Garden.	PLAIN		PAINTED	
	100	1000	100	1000
4 in.....			\$0.60	\$0.90
4½ in.....			.80	1.00
5 in.....			.90	1.25
6 in.....			1.00	1.35
8 in.....		\$0.40	3.50	\$0.50
10 in....		.50	4.00	.55
12 in....		.55	5.00	.65

**Labels, Wooden Notched Tree.**

3½ in.....	.60	.90
5 in.....	1.50	2.00
3½ in. (copper-wired).....	1.65	2.25

**Labels, Copper.** Wired. To be written on with stylus, which is furnished with order for 200 or more.

No. 1. Small, ½ in. by 3 in., \$1.00 per 100.

**Pencils, Garden, Wolff's Indelible Black.** For wooden labels. 10c. each.

**Indelible Ink.** For marking labels. 50c.

**Mats, Frost-proof, Burlap.** Made of strong burlap cloth filled with wool and quilted edges firmly bound.

	Each	Doz.
No. 2D, Waterproof Duck, one side, 40 x 76 in...	\$1.25	\$14.00
No. 2D, Waterproof Duck, one side, 76 x 76 in...	2.00	23.00
No. 3, Waterproof Duck, both sides, 40 x 76 in...	1.50	17.00
No. 3, Waterproof Duck, both sides, 76 x 76 in...	2.50	28.00

**Mats, Straw.** For covering sashes, etc. 6 x 6 ft., \$1.75.

**Melon Nets.** Imported. \$1.25 per doz., \$9.50 per 100.

**Mole Traps, Olmsted's Improved.** \$1.50 each.

The Reddick. Powerful spring; easily set. \$1.00 each.

**Plant-protecting Cloth.** A simple and cheap method for protecting half-hardy creepers upon walls, and also young growing plants in the Spring and Fall that are growing in frames. This cloth is waterproof and will last for years.

	Per yd.	100 yds.
36 in. wide, medium grade.....	\$0.12	\$10.00
36 in. wide, heavy grade.....	.18	15.00
36 in. wide, drill grade.....	.22½	18.00

**Putty Bulb, Rubber (Scollay's.)** For applying soft putty and white lead in glazing. \$1.25.

**Putty, Twenlow's Old English Glazing.** Can be used with machine or bulb. Makes a solid bed impervious to moisture, holds glass in place and is not affected by weather. 1, 2 or 3 gallons, \$1.75 per gallon; 5 and 10-gallon buckets, \$1.50 per gallon.

**GARDEN TOOLS AND MISCELLANEOUS GARDEN SUPPLIES—  
Continued**

**Raffia.** For tying. 25c. per lb., 90c. for 5 lbs., \$1.50 for 10 lbs.  
Extra long, fresh and heavy, 35c. per lb., \$1.50 for 5 lbs., \$2.75  
for 10 lbs.

**Raffia, Green.** 50c. per lb., \$4.50 for 10 lbs.

**Silkaline.** For stringing Smilax, etc. Fast green colors; will  
not fade or break.

		Per Spool	Per Box
FFF. Coarse.	2 oz. spools, 1 lb. in box, 8 spools.....	\$0.25	\$1.50
FF. Medium.	2 oz. spools, 1 lb. in box, 8 spools.....	.25	1.50
F. Fine.	2 oz. spools, 1 lb. in box, 8 spools.....	.25	1.50

**Sash, Hotbed.** Made from clean cypress, glazed and painted.  
\$4.50 each, \$45.00 per doz.

**Styptic.** To prevent bleeding in grape-vines. 50c. and \$1.00.

**STAKES AND PLANT SUPPORTS**

<b>Bamboo Canes, Chinese.</b> These are the genuine Chinese stakes, being very strong and heavy.	100	1000
4 ft., heavy.....		\$1.75
5 ft., heavy.....		2.25
6 ft., heavy.....		2.75
7 ft., heavy.....		3.00
8 ft., extra heavy.....		12.00
	1000	100

**Bamboo Canes, Japanese.** For garden or house plants. Durable, attractive, strong and extremely inexpensive. Just the thing for Hyacinths, Freesias, Lilies, etc.

**BAMBOOS. PAINTED GREEN**

	100	1000	100	1000
12 in.....	\$0.50	\$4.00	36 in.....	\$1.00
18 in.....	.60	5.00	42 in.....	1.25
24 in.....	.75	6.00	48 in.....	1.35
			60 in.....	1.75
				15.00

**UNPAINTED**

5 to 6 ft.....		1.25	10.00
6 ft.....		1.35	12.00
7 to 8 ft.....		2.00	15.00

**Bean Poles, Red Cedar.** 8 ft., \$3.50 per doz., \$25.00 per 100.

**Carnation Supports, Model Extension.** Doz. 100  
Two-ring..... \$.50 \$3.00  
Three-ring..... .60 3.50

**Dahlia Poles.** Extra heavy. Round, painted green, with long, tapered ends; very strong.

	Doz.	100		Doz.	100
3 ft.....	\$1.00	\$7.00		\$1.75	\$12.50
4 ft.....	1.25	10.00		2.00	15.00

**Stakes for Plants.** Round, painted green.

	Doz.	100		Doz.	100
2 ft.....	\$0.50	\$3.00		\$1.00	\$7.50
3 ft.....	.75	5.00		1.25	8.50

**Stakes, Galvanized Wire.** No. 8 wire.

	100	1000		100	1000
3 ft.....	\$1.50	\$12.00		\$2.25	\$17.00
3½ ft.....	1.75	13.00		2.50	19.00
4 ft.....	2.00	15.00		3.00	23.00

**Stakes for Hyacinths.** Very useful for staking Hyacinths and other plants; stained green.

				100	1000
¾ in. thick, 12 in. long.....				\$.30	\$2.50
¾ in. thick, 18 in. long.....				.35	3.00
¾ in. thick, 24 in. long.....				1.00	7.50

**Tomato Supports, New Model.** (Wire.) Three rings, three legs. 35c. each, \$3.50 per doz., \$25.00 per 100.

**Model.** (Wire.) Two rings, three legs, 20c. each, \$2.00 per doz., \$15.00 per 100.

**Perfection.** 36 in. high, 16 in. wide; made of wood and will not burn the vines in hot weather or cut them off when wet and swayed by the wind. Ends creosoted. Can be folded without damage and stored away for following season's use. 30c. each, \$3.00 per doz., \$20.00 per 100.

**Lever, Blake's Clip.** For fastening Rose and Chrysanthemum wire stakes. A labor-saving device. Blake's Lever Clip is the "tie that binds." It binds the wire to the stakes. 90c. per box (500 to the box), \$1.50 per 1000.

**GARDEN TOOLS AND MISCELLANEOUS GARDEN SUPPLIES—  
Continued**
**Tubs, B.'s Round.**

Diam. Inside	Diam. Inside
10 or 11 in.....	\$1.00
12 or 13 in.....	1.50
14 or 15 in.....	2.00
16 or 17 in.....	3.00
18 or 19 in.....	3.50
20 or 21 in.....	4.00
22 or 23 in.....	4.50
24 or 25 in.....	\$5.00
26 or 27 in.....	5.50
28 or 29 in.....	6.50
30 or 31 in.....	7.50
32 or 33 in.....	8.50
34 or 35 in.....	10.00
36 or 37 in.....	12.50

**Tubs, B.'s Square.** We manufacture this shape in any size to order. This tub has become very popular. It conforms to all kinds of architecture.

Inches	No. 1	No. 2	Inches	No. 1	No. 2
10 to 12.....	\$3.50	\$3.00	29 to 30.....	\$15.00	\$10.00
13 to 14.....	4.50	4.00	31 to 32.....	16.50	11.50
15 to 16.....	5.50	5.00	33 to 34.....	17.50	12.50
17 to 18.....	6.50	5.50	35 to 36.....	18.00	14.00
19 to 20.....	7.50	6.00	37 to 38.....	19.00	15.50
21 to 22.....	8.50	6.50	39 to 40.....	20.00	16.50
23 to 24.....	10.00	7.50			
25 to 26.....	11.50	8.50			
27 to 28.....	13.00	9.50			

Column No. 1 is priced for tubs with iron bands and feet.

**Twine, Green.** For stringing Smilax. Ball 25c.

**Twine, Soft.** For tying vines, etc.; very strong. 3 and 5 ply. Large balls, 20c.

**Wadding Cotton.** For packing plants and flowers in extremely cold weather; affords safe protection in transit. Sheets 40 x 40 in. \$4.75 per 100 sheets, \$18.00 for 480 sheets.

**Wax, Grafting.** For grafting, or cuts and bruises on trees. Per package, 10c., 20c. and 30c.

**Wire, Bouquet, Florists' Annealed.** Nos. 22, 23 and 24, in coils of 12 lbs., \$1.50 per coil.

**Florists' Bright.** Cut in lengths. In boxes of 12 lbs. (one stone). 12 in. and 18 in. long. No. 22 Wire, \$1.50.

### GARDEN TOOLS

	Each
<b>Dibbles, Steel-pointed.</b> Small size.....	\$0.35
Large size.....	.45
<b>English Daisy Grubbers.</b> .....	.50
<b>Fork, Digging or Spading.</b> .....	75c. to 1.00
Hay or Stable.....	50c. to .75
Ladies' Short-handled or Strawberry.....	.40
<b>Manure.</b> Long and short-handled.....	75c. to 1.00
<b>Ballast.</b> Square tines. 8 tines.....	1.50
10 tines.....	1.75
<b>Weeding.</b> No. 1, 15c. each; No. 2.....	.25
<b>Garden Cultivator, Adjustable.</b> By means of the thumb-screws the blades can be adjusted to different angles, or either of the blades removed.....	1.00

### PLANET JR. IMPLEMENTS

<b>No. 31, Planet Jr. Combined Drill Seeder and Wheel Hoe.</b> Equipment: one large garden plow, one 5-in. sweep, one 10-in. sweep, one 2-in. cultivator tooth, one 5-tooth prong hoe. (Packed weight, 30 lbs.). Complete.....	7.00
<b>No. 32, As a Drill Seeder only.</b> (Packed weight, 22 lbs)	5.00
<b>No. 33, As a Wheel Hoe only.</b> (Packed weight, 24 lbs.)	3.00
<b>No. 17, Planet Jr. Single Wheel Hoe.</b> Equipment: one pair of 6-in. hoes, three steel cultivator teeth, one large garden plow; all oil tempered. (Packed weight, 24 lbs.).....	5.00
<b>No. 4, Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.</b> Steel driving wheel. Weight, complete, 50 lbs. Holds 2½ qts. Equipment: one pair of 6-in. hoes, three cultivator teeth, one garden plow, one leaf guard, one marker; all oil tempered. Complete.....	11.00
<b>Prices of other Jr. Implements on application.</b>	
<b>Glass Cutter.</b> Diamond.....	\$3.00 and 4.00
Steel wheel.....	.15

## GARDEN TOOLS—Continued

Each

<b>Hoes, Draw or Corn.</b>	Without handles.....	\$0.45
<b>Grub.</b>	.....	.50
<b>Scuffle, Dutch or Push.</b>	4 to 9 in.....40c., 50c. and .60	.60
<b>Warren, Triangular.</b>	.....60c., 70c. and .75	.75
<b>Onion.</b>	7 in.; solid shank.....	.50
<b>Onion, Narrow.</b>	7 in. by 1 3/4 in.; solid shank.....	.50
<b>Meadow.</b>	8 in. solid shank.....	.50
	9 in. solid shank.....	.60
<b>Planters'.</b>	7 1/2 in.....	.50
	8 1/2 in.....	.60
<b>Bog, Heavy.</b>	6 in. wide.....	1.25
	Handle.....	.25
<b>Lawn Mowers and Rollers</b> are offered on page 107.		
<b>Pruning Hook and Saw Combined, "Little Giant."</b>		
	Saw can be removed when desired; attaches to a pole of any length.....	2.00
<b>Pruning Saws.</b>	Various sizes and kinds.....	.70c. to 1.25
<b>Rakes, "Automatic Lawn."</b> A backward motion of the operator will clean all the teeth at once.		
	26 teeth.....	.80
	38 teeth.....	1.00
<b>Steel, Reversible.</b>	For lawns.....	.60
<b>Rakes, Wooden.</b>	For lawns.....	.50
<b>English or Daisy.</b>	.....\$3.00 to 3.50	
<b>American Garden.</b>	Steel-handled.....40c. to .60	
<b>Hoe-Rake.</b>	Combined. 4 tines.....	.50
	6 tines.....	.60
<b>Gravel Rake.</b>	14 teeth.....	.65
	16 teeth.....	.75
	18 teeth.....	.90
<b>Cast-Steel Regular Shank Rake.</b>	8 to 20 teeth.....50c. to 1.00	
<b>Cast-Steel Bow Shank Rake.</b>	14 teeth.....	.75
	16 teeth.....	.85
<b>Hay.</b>	12 to 14 teeth.....	.25c. to .50
<b>Scythes, English Lawn.</b>	Cast steel, 34 to 38 in.....	
		\$1.50, \$1.60 and 1.75
<b>Scythe Snath or Handle, Patent Loop-Heel.</b>	.....	1.00
<b>Scythe Stones, Round Dressed Talacre.</b>	Per doz. \$1.50	.15
<b>Scythe Rifles, Triple Emery-covered.</b>	.....	.15
<b>Shears, Hedge, Ridal's English Patent.</b>	The best Shears on the market. 9 in.....	3.50
<b>Grass Border, Best English.</b>	8, 9 and 10 in.....	
		\$2.50, \$2.75 and 3.00
<b>Sheep or Grass.</b>	7 in. blade.....	.75
<b>Shovels, Ames' Crucible Steel.</b>		
	<b>D-Handle, Round Point.</b> .....	1.25
	<b>Long Handle, Round Point.</b> .....	1.25
	<b>D-Handle, Square Point.</b> .....	1.25
	<b>Long Handle, Square Point.</b> .....	1.25
<b>Sickles, or Grass Hooks, English.</b>	.....60c., 75c. and 1.00	
<b>Spade, D or Long Handle, Square, Crucible Steel.</b>	.....	1.25
<b>Spuds (English).</b>	With weeding fork.....	.75
	With Thistle.....	.65
<b>Tree Scrapers.</b>	Best steel.....	.55
<b>Trowels, Solid Steel, Concave Shanks.</b>	No. 90, 6 in..	.35
	<b>English Pattern, Riveted Shank.</b> No. 21, 6 in. ....	.35
	<b>Solid Steel Socket Shank.</b> 6 in.....	.50
	7 in.....	.75
<b>Transplanting.</b>	6 in.....	.25
<b>Turfing Iron, or Sod Cutter, English.</b>	For lifting sods..	5.00
<b>Weeders, "Easy".</b>	.....	.35
	<b>Hazeltine.</b> .....	.25
	<b>Excelsior.</b> .....	.15
	<b>Eureka Weeding Fork.</b> .....	.25
	<b>Weeding Hook.</b> .....	.15
	<b>Weeding Fork.</b> .....	.15c. and .25
	<b>Improved "Imperial" Weeding Gouge, Long Handle.</b> .....	.50
<b>Weed Cutter, Long Handle.</b>	.....	.50
<b>The Utica Lawn Trimmer.</b>	For trimming the edges of lawns, flower beds, around trees, pots, monuments and shrubbery. Also all places not reached by a lawn mower. Will do in a few minutes the work it would take hours to do with shears.....	5.00

## KNIVES, SCISSORS, ETC.

Each

**Asparagus Knives, English (saw-blade).....** \$1.00

**Granite State.....** .50

**Knives, Saynor's Celebrated English. Best made.**

No. 401	Budding.....	1.35
No. 204B.	Budding, brass-bound.....	2.25
No. 343.	Budding, 2 blades.....	1.50
No. 403.	Budding, long-handled.....	1.50

**Bunyard's 2-Bladed. Brass-bound at ends; very strong.....** 1.25

No. 938.	Pruning.....	1.75
No. 196.	Pruning; 2 blades.....	2.25
No. 187.	Pruning.....	1.50

**Scissors, Grape-thinning, Saynor's.**

6 in.....	1.00
7 in.....	1.20
8 in.....	1.50

**Shears, Pruning, Bunyard's Model.**

6 $\frac{1}{4}$ in.....	1.35
7 $\frac{1}{2}$ in.....	1.50
8 in.....	1.75
9 $\frac{1}{2}$ in.....	2.00
10 $\frac{1}{4}$ in.....	2.25
Extra springs.....	.30

**Shears, Wiss, Hand Pruning. Solid steel. 9 in.....** 2.25  
**10 in.....** 2.50

**Scissors, Flower-gathering. Combines flower cutter, holder and wire-cutter. Spring pattern.....** 1.25

**English Flower-gathering. Will cut and hold the flower. 6 in.....** 1.50  
**8 in.....** 1.75

## THERMOMETERS

Each

**Japanned. Tin case, 10 and 12 in.....** 60c. and \$0.75

**Self-registering (maximum and minimum).....** 3.75

**Mushroom Bed. Galvanized frame, wood handles, and mercury bath, so constructed as to insure accurate temperature reading instantly.....** 2.00

**Hick's English Self-registering, Japanned. Tin case, white porcelain indicator, highly finished. The most accurate Thermometer manufactured. 8 in., \$7.50; 10 in., \$8.50; 12 in.....** 11.00

**Polished Coppered Case, Storm Glass. Silvered or oxidized metal scale, tube mounted with polished copper trimmings. No. 73.....** 1.00

**8-in. Thermometer. Metal scale, mercury or spirit magnifying tube, in finely polished coppered case, for outdoor use. No. 103  $\frac{1}{2}$ .....** .75

Thermometers for incubators and dairy can be supplied at lowest prices.

## HOSE, SYRINGES, SPRAYERS, ETC.

**"Auto-Spray" No. 1. (Knapsack.)** Is thoroughly substantial and constructed along mechanical lines. It is used by nearly, if not all, the State Experiment Stations, and by the United States Government. A 1, brass tank, with stop-cock, \$6.75; B 1, brass tank, with auto-pop, \$7.65; brass strainer \$1.00. Prices and catalogues of The E. C. Brown Co. Auto-Spray (traction) machinery upon application.

**"Auto-Spray" No. 37.** This is made by The E. C. Brown Co., of Rochester, N. Y. Useful for insecticides and disinfectants, and can be operated at any angle. Just the article needed by amateurs. Galvanized tank, \$1.25 each; brass, \$1.50 each.

**Hose, Rubber, Bunyard's Non-Kinkable.** Made of pure rubber by a special process; does not crack or scale, and will not kink. We can supply in any length if advised at time of ordering. Guaranteed for one year,  $\frac{3}{4}$  in., \$5.00 for 25 ft., \$9.50 for 50 ft., \$18.00 per 100 ft.

**HOSE, SYRINGES, SPRAYERS, ETC.—Continued**

**The Revero** is a model, indestructible Hose for the lawn, greenhouse, stable and garage. Being of continuous length, you can get any length wanted up to 500 ft. in one piece—thereby avoiding leaky couplings whenever long lengths are necessary. Revero Garden Hose will not kink or burst at a sharp angle as does the old style or commonly termed "Wrapped Duck Construction." Cut any length desired and fitted with couplings.  $\frac{3}{4}$  in., 20c. per ft.,  $\frac{1}{2}$  in., 18c. per ft.

**Hose Couplings, Brass.**  $\frac{1}{2}$  in. and  $\frac{3}{4}$  in., 15c. each.

**Hose Clamps.**  $\frac{1}{2}$  in. and  $\frac{3}{4}$  in., 75c. per doz.

**Hose Menders, Cooper's.**  $\frac{3}{4}$  in., 10c. each, \$1.00 per doz.

**Kinney Pump.** For distributing water and manure through the hose at the same time. \$2.00.

**Lawn Sprinklers.**

**The Fountain.** Made of heavy brass, 8 in. in diameter. Easily moved over the lawn without turning off the water, \$1.00.

**The Turbine.** Simple and effective. \$2.00 each.

**The Twin Comet.** The three upper arms revolve rapidly, sprinkling meanwhile, and carrying around a slowly revolving nozzle, which sprinkles the ground for a great distance. Height 17 in., \$5.00 each.

**Sprinklers, Scollay. Straight-neck.** Large, \$1.25; small, 60c.

**Angle-Neck.** \$1.25.

**Stott Sprayer.** A splendid aid; sprays under foliage perfectly. \$1.50 each.

**Syringe, "Abol."** The best brass hand Syringe manufactured, with angle-neck attachment. No. 6, \$7.50 each.

**Syringe, Reed's Patent.** Extra-heavy brass Syringe, 20 x  $1\frac{3}{4}$  in. English-made. Two roses and one jet, with quick-filling valves. \$7.50 each.

**Turbine Shower Tree Sprayer.** Used with conspicuous success in the New York City parks. \$1.25.

**Spray Nozzle, The Boston, Graduating.** Throws a coarse or fine spray or a solid stream.  $\frac{3}{4}$  in., 50c.

**The Boston Rose Hose Sprinkler.** A wide-face nozzle with numerous small holes, giving a gentle shower that will not disturb the soil. 3 in. face, \$1.00; 4 in. face, \$1.25.

**Sprayer, Hand. (Muratori's Patent.)** Invaluable for spraying Orchids and other plants hanging from the rafters of a greenhouse; especially adapted for ladies in the garden. Works automatically by compressed air. \$15.00 each.

**Watering Pots, Haw's Pattern.** No. 0, 3 qt., shelf, 9 in. spout, one rose and extra joint, \$2.00. No. 1, 3 qt., japanned, two roses, \$2.50. No. 2, 4 qt., japanned, two roses, \$3.00. No. 3, 6 qt., japanned, two roses, \$3.50. No. 4, 8 qt., japanned, two roses, \$4.00. No. 5, 10 qt., japanned, one rose and spreader, \$4.50. No. 6, 12 qt., japanned, one rose and spreader, \$5.00.

**Watering Pots, "The Philadelphia."** With brass joints and two copper-faced roses. 6 qt. \$2.00, 8 qt. \$2.25, 10 qt. \$2.50, 12 qt. \$2.75.

**Watering Pots, French.** Brass handles and joints, two copper-faced roses; coarse and fine. 6 qt. \$2.50, 8 qt. \$2.75, 10 qt. \$3.00.

**Watering Pots, Strawberry, or Shelf.** Galvanized; holds 3 qts., \$1.25.

**INSECTICIDES, FUNGICIDES, ETC.**

**Aphine.** Effective against plant-sucking insects, such as green, black or white fly; red spider, thrip, mealy bug, brown and white scale. Used as a spray or wash, diluted in water in the proportions as directed on each can. An excellent cleanser for house plants.  $\frac{1}{2}$  pt. 40c., pt. 65c., qt. \$1.00, gal. \$2.50.

**Arsenate of Lead.** For spraying, etc. Lb. 30c., 2 lbs. 50c., 5 lbs. to 50 lbs. at 15c. per lb.

**Asbestos Torches.** For destroying caterpillars' nests on branches of trees. 50c. each; with pole, 30c. extra.

**INSECTICIDES, FUNGICIDES, ETC.—Continued**

**Bordeaux Mixture.** Dry, 1 lb. box 25c., 4 lbs. and over at 22c. per lb., 50 lb. keg \$10.00. Liquid, pt. 30c., qt. 50c., 2 qts. \$1.00, gal. \$1.75.

**Copper Solution, Ammoniated.** One quart of solution to twenty-five quarts of water. Qt. \$1.00.

**Climax Lawn Sand.** Kills every weed that grows on grass lawns and also improves the grass. Full instructions for using with all packages. 3½ lb. tin can 60c., 7 lb. tin can \$1.00, 14 lb. tin can \$1.75, 28 lb. wooden keg \$3.00, 56 lb. wooden keg \$5.50, 112 lb. wooden keg \$9.00.

**Cutworm Food.** (Warnecke's.) The best exterminator of cut-worms. Directions on package. 5 lbs. 85c., 10 lbs. \$1.35, 100 lbs. \$8.50.

**Fir-Tree Oil.** Death to mealy bugs, red spider, and all other insect pests. Pt. \$1.00, qt. \$1.75, ½ gal. \$3.00, gal. \$5.50.

**Fir-Tree-Oil Soap, Stott's.** ½ lb. can 30c., 2 lb. can 85c.

**Fish-Oil Soap.** Lb. 18c., 3 lb. box 40c., 25 lbs. \$3.00, 100 lbs. \$10.00.

**Flowers of Sulphur.** Lb. 10c., 10 lbs. 75c., 25 lbs. and over at 6c. per lb.

**Fungine.** An infallible remedy for mildew, rust, wilt, bench-rot and other blights affecting flowers, fruits, etc. ½ pt. 30c., pt. 50c., qt. 75c., gal. \$2.00, 10 gal. keg \$15.00.

**Gishurst's Compound.** 50c. per box.

**Hammond's Grape Dust.** 5 lb. pkg. 35c., 10 lb. pkg. 60c., 100 lb. keg \$5.50.

**Hammond's Slug-Shot.** 5 lb. pkg. 35c., 10 lb. pkg. 60c., 100 lbs. \$5.50.

**Hellebore Powder.** One ounce to three gallons. 1 lb. box 25c., 2 lb. box 40c.

**Herbicide.** A liquid weed-killer. 1 gallon diluted with forty gallons of water will thoroughly clean 1000 sq. ft. of ground of all weeds. 2 gal. keg \$2.75, 5 gal. keg \$5.50, 10 gal. keg \$10.00.

**Imp Soap Spray.** Peculiarly effective against red spider, on fruit, etc., rose bug, white, black and green fly, mealy bug, thrip, aphid, and other insect pests on fruit, flowers and foliage. Qt. 50c., gal. \$1.50, 5 gals. \$7.00.

**Kerosene Emulsion.** Qt. 50c., gal. \$1.25, 5 gals. \$5.50.

**Lemon Oil.** Pt. 50c., qt. 75c., ½ gal. \$1.25, gal. \$2.25, 5 gals. \$10.00.

**Nicoticide.** Directions on packages. Pt., sufficient for 32,000 cubic feet, \$2.50; gal. \$15.00. **Nicoticide Fumigator,** 75c.

**Nikoteen.** A thorough exterminator of insects. Small bottle 40c., pt. bottle \$1.50, 10 pts. \$13.00.

**Nico-Fume.** Packed in tins, 24 sheets 85c., 144 sheets \$4.00, 288 sheets \$7.50.

**Nico-Fume Liquid.** Lb. \$1.50, 4 lbs. \$5.50, 8 lbs. \$10.50.

**Paris Green.** For the destruction of potato bugs. Lb. 50c., 5 lbs. \$2.25.

**Scaline.** Can be applied in the growing and dormant season. Qt. 75c., gal. \$1.50, 5 gals. \$6.25, 10 gal. keg \$10.00, bbl. (50 gals.) \$37.50.

**Scalecide.** For spraying trees, etc. Gal. \$1.00, drum of 5 gals. \$3.25.

**Sodium Cyanide.** \$1.50 per lb.

**Tobacco Dust.** The burning or dusting kind. 5 lbs. will fumigate a house 100 x 25 ft. Put up in 100 lb. bags for \$4.00.

**Tobacco Stems.** 100 lb. bale \$2.00; 300 lbs. \$5.00.

**Vermine.** A soil sterilizer and germicide for all soil vermin, such as cut-, eel-, wire- and grub-worms, slugs, root-lice, maggots and ants. Pt. 65c., qt. \$1.00, gal. \$3.00, 5 gal. keg \$12.50.

**Weed Killer, Target Brand.** Quart can, will make six gallons of liquid, 50c.; gallon can, will make twenty-five gallons of liquid, \$1.50; 5 gal. keg, will make 125 gallons of liquid, \$5.00.

**X-L-All Liquid Insecticide.** English preparation for spraying; harmless to very delicate plants; kills mealy bug, red spider, and all insect pests. ½ gal. \$2.00, gal. \$3.50.

**X-L-All Vaporizing Compound.** Claimed to be the most easy, effectual and cheapest method of fumigating greenhouses and frames ever invented. In dry cake form, box of 80 cakes for \$10.50, 15c. per cake. Each cake sufficient for 1000 cu. ft. No. 1, \$8.00 bottle contains sufficient for 40,000 cu. ft. of space. No. 2, \$4.50 bottle contains sufficient for 20,000 cu. ft. of space. No. 3, \$2.50 bottle contains sufficient for 10,000 cu. ft. of space. No. 4, \$1.25 bottle contains sufficient for 5,000 cu. ft. of space.

## VAPORIZERS AND BELLOWS

	Each
<b>X-L-All Vaporizer.</b> Lamp and stand complete.....	\$1.50
Smaller size, complete.....	1.25
<b>Bellows, Powder, Woodason's.</b> Single-cone, large size..	2.50
Single-cone, small size.....	1.50
Double cone.....	3.50

## FERTILIZERS, MANURES, ETC.

Prices subject to market changes.

**ASHES, CANADA HARDWOOD.** Apply one to two tons to the acre, as one heavy application will help much more than the same quantity would applied in fractions. Bbl. of about 200 lbs. \$3.00, ton of 2000 lbs. in bbls., \$24.00; by car, \$22.00 per ton.

**Blood and Bone.** Invaluable for garden and field crops, Grape-vines, etc. 100 lbs. \$2.50, ton \$45.00.

**Bon Arbor, Dry.** 5 lbs. \$1.80.

**Bon Arbor.** A liquid plant food good for all plants. It invigorates, promotes growth, increases the crop and causes it to mature earlier. Put up in 1 and 2 gal. kegs, \$2.00 per gal.; in 25 gal. bbls., \$1.50 per gal.; in 50 gal. bbls., \$1.25 per gal.

**BONE FERTILIZERS.** Quantity required for permanent pasture and mowing lands, one-half to one ton to the acre. For trees and vines, two to four quarts each. For top-dressing, 1000 to 1500 lbs. to the acre. For field and garden crops three-fourths to one ton broadcasted and harrowed in. For Rose-beds, pot-plants, etc., one part to about fifty of soil.

**Bone Dust for Quick Action.** Effective as a top-dressing and for mixing in soil. 100 lbs. \$3.25, 166 lb. bag \$4.75, ton \$50.00.

**Bone Meal for General Use.** Pure ground bone, not quite so finely ground as the preceding. 100 lbs. \$3.00, 200 lbs. \$5.00, ton \$47.50.

**Bone Meal for Roses.** For use under glass; the highest quality obtainable. 100 lbs. \$3.25, 200 lbs. \$6.00, ton \$55.00.

**Bone, Crushed, Coarse.** For vine borders, etc.,  $\frac{1}{2}$  in. to 1 in., or  $\frac{1}{4}$  in. to  $\frac{1}{2}$  in., 100 lbs. \$3.00, ton \$50.00.

**For Bone in smaller quantities, see page 107.**

**Charcoal Dust.** Keeps the soil sweet. Useful for mixing with your potting soil. Lb. 25c., 10 lbs. 75c., 100 lbs. \$5.00.

**Clay's Fertilizer.** A celebrated English fertilizer for both garden and greenhouse use. Highly concentrated, therefore economical, notwithstanding its apparently high price. Tins, 25c. and 50c. each; bag of 14 lbs. \$1.25, 28 lbs. \$2.25, 56 lbs. \$4.00, 112 lbs. \$7.00.

**Horn Shavings.** For mixing in potting soil; especially useful for Chrysanthemums and Orchids. 25 lbs. \$2.00, 50 lbs. \$3.25, 100 lbs. \$6.00.

**Humus, Alphano. (Nature's Fertilizer.)** A splendid manure for lawns, flowers and vegetables; odorless and carries no weed seeds. See page 106.

**Land Plaster, or Gypsum.** Valuable for soils requiring lime and sulphate; good for sour soils. 100 lbs. \$1.50, ton \$18.00.

**Lawn Sand, "Climax."** Kills every weed that grows on grass lawns and also improves the grass. Full instructions for using on each can.  $3\frac{1}{2}$  lb. tin can 60c., 7 lb. tin can \$1.00, 14 lb. tin can \$1.75, 28 lb. wooden keg \$3.00, 56 lb. wooden keg \$5.00, 112 lb. wooden keg \$8.00.

**Lawn Top-Dressing, Odorless.** 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00, 200 lbs. \$5.00, ton \$45.00.

**Lime, Agricultural.** A plant food and neutralizer for acid soils. 100 lbs. \$1.50, 500 lbs. \$6.00, ton \$16.00.

**Mapes' Complete Potato Manure.** Bag (200 lbs.) \$5.00, ton (2000 lbs.) \$46.00.

**Mapes' Vegetable Manure for All Soils.** Bag (200 lbs.) \$5.50, ton (2000 lbs.) \$50.00.

**Mapes' Fruit and Vine Manure.** Bag (200 lbs.) \$5.00, ton (2000 lbs.) \$46.00.

**Mapes' Corn Manure.** Bag (200 lbs.) \$5.00, ton (2000 lbs.) \$45.00.

**FERTILIZERS, MANURES, ETC.—Continued**

**MURIATE OF POTASH.** A form of potash salts to be used with bone meal, bone and blood, or farm manures, on fruits, vegetables, etc. Must not be used on Hops, Potatoes, Tobacco, Flax, Sugar Beets, Cabbage or Cauliflower. Fifty to four hundred pounds per acre. 100 lbs. \$5.00.

**NITRATE OF SODA.** One hundred to three hundred pounds per acre. 25 lb. bag \$2.00, 50 lb. bag \$3.00, 100 lbs. \$5.75. For smaller quantities see page 107.

**Guano, Peruvian.** (Genuine.) One of the best all-round manures. 50 lbs. \$3.00, 100 lbs. \$5.50.

**SHEEP MANURE, PULVERIZED.** For top-dressing grass, use one to two tons to the acre. Prepared for use by a patent process which destroys all weed seeds, and at the same time preserves the fertilizing properties indefinitely. In bags of 100 lbs. \$2.50, 500 lbs. \$10.00, 1000 lbs. \$18.50, ton \$35.00.

**Sulphate of Ammonia.** Used for its nitrogen. Use one pound to fifty square feet of ground or bench, or a tablespoonful to a bushel of soil or three gallons of water. 25 lbs. \$2.00, 100 lbs. \$7.50.

**Sulphate of Potash.** A desirable form of potash to be used on all crops, but especially on Tobacco, Hops, Potatoes, Flax, Sugar Beets, Cabbage or Cauliflower. Use fifty to four hundred pounds to the acre. In water use a tablespoonful in twelve quarts. 100 lbs. \$5.00, 200 lbs. \$9.00, 500 lbs. \$21.00.

**Superphosphate, Plain.** (Acid Phosphate.) Good for all crops and unexcelled as a top-dressing for grass lands and grains. 100 lbs. \$2.00, 200 lbs. \$3.75, ton \$30.00.

**Scotch Soot.** (Genuine Imported.) Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cutworms. Sold in 100-lb. bags only, \$5.00 per bag.

**Salt, Agricultural.** For top-dressing Asparagus, etc. Sold in 100 lb. bags only. \$2.00 per bag.

**Tankage, Fine Ground.** Contains both blood and bone. 200 lb. bag \$5.00, ton \$45.00.

**Thomson's "Special" Chrysanthemum Manure.** This may be given three times during the growing season. The very best results will follow. 28 lb. bag \$4.00, 56 lb. bag \$7.00, 112 lb. bag \$14.00.

**Thomson's Vine, Plant and Vegetable Manure.** Admirably adapted for mixing with the soil when potting in the proportion of four pounds to each wheelbarrow load of soil. 28 lb. bag \$2.00, 56 lb. bag \$3.50, 112 lb. bag \$6.75.

**Prices on Manures and Fertilizers are subject to fluctuations of the market.**

## Humus—For Plants and Lawns

Our Humus takes the place of decayed vegetable matter. It contains more plant food, and has no odor to it. It will not injure the most delicate flower and is highly recommended for pot plants and lawns. **For growing Ferns it has no equal.**

Humus is the decayed vegetable matter in the soil. It is composed of decayed leaves, trees, roots, etc. Without humus in the ground nothing could grow. When you water a plant the Humus retains the water and the plant uses it as it needs it. If your plants wither and the soil cakes and dries up quickly it shows there is not sufficient humus in the soil. Our Humus will not only supply this but it also contains a generous amount of plant food, namely, Nitrogen, Phosphoric Acid, Potash and Lime. As a top dressing for lawns our Humus has no equal. In the Fall or Spring of the year cover your grass with our Humus and rake it in thoroughly and you can see the results in a month.

Prices, by Freight or Express collect:

100 lb. bag.....	\$1.50
500 lbs.....	6.00
1000 lbs.....	10.00
2000 lbs.....	18.00
3 lbs. net by mail postpaid (for testing)	60c.

\* Special low rate by carload in bulk.

**QUALITY FERTILIZERS for AMATEURS, Etc.**

The Nitrate Agencies Company have "put up" the following useful Quality Fertilizers in handy sizes for the amateur and home garden, and we are offering them, knowing their value and true analysis.

**DEVLIN FORMULA.** A high-grade chemical fertilizer.

Analysis: Ammonia 6%, available Phosphoric Acid 8%, actual Potash 4%. 1 lb. 25c., 5 lbs. 70c., 10 lbs. \$1.00, 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$5.00.

**NITRATE OF SODA.** The universal top dresser. Analysis: Nitrogen 15%, equal to Ammonia 18½%. 1 lb. 15c., 5 lbs. 60c., 10 lbs. 90c., 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$5.00.**GENUINE PERUVIAN GUANO.** Nature's most wonderful fertilizer. Analysis: Ammonia 13%, available Phosphoric Acid 10%, actual Potash 2½%. 1 lb. 50c., 5 lbs. \$1.00, 10 lbs. \$1.50, 25 lbs. \$3.00, 50 lbs. \$4.50, 100 lbs. \$7.50.**RAW GROUND BONE.** The finest of raw bone—imported. Analysis: Ammonia 4½%, Bone Phosphate of Lime 50%. 1 lb. 15c., 5 lbs. 50c., 10 lbs. 75c., 25 lbs. \$1.50, 50 lbs. \$2.25, 100 lbs. \$3.50.**STEAMED GROUND BONE.** The finest of steamed bone—imported. Analysis: Ammonia 4½%, Bone Phosphate of Lime 50%. 1 lb. 15c., 5 lbs. 50c., 10 lbs. 75c., 25 lbs. \$1.50, 50 lbs. \$2.25, 100 lbs. \$3.50.**BASIC SLAG** (Thomas Phosphate Powder). The soil-sweetening phosphate. Analysis: Total Phosphoric Acid 17 to 19%, available Phosphoric Acid 14 to 16%, Lime 35 to 50%, Magnesia 5 to 6%, Iron 13 to 14%, Manganese 7 to 9%. 5 lbs. 50c., 10 lbs. 75c., 25 lbs. \$1.25, 50 lbs. \$1.75, 100 lbs. \$2.25.**POTTING MATERIALS, ETC.**

**Charcoal, Lump.** Large or small. Keeps potting soil sweet. Useful for potting Orchids. Lb. 25c., 10 lbs. 75c., 100 lbs. \$5.00.

**Cocoanut Fiber.** Bus. 75c., 3 bus. bag \$2.00.

**Fiber, Prepared, for Growing Bulbs without Drainage.** Pk. 50c., bus. \$1.50.

**Leaf-Mold.** Per bus. 75c., bbl. \$3.00.

**Moss, Live Green Sphagnum.** Fresh, in season. Bus. \$1.25, bbl. \$3.50.

**Moss, Dry Sphagnum.** Bus. 50c., bale \$2.75.

**Moss, Sheet, Natural Green.** For covering the pots or tubs of large plants; sheets range in size about 1 ft. wide, and from 2 ft. to 5 ft. long. Bag of about 2 bus. \$5.00.

**Peat (Osmundi) for Orchids.** Bus. \$1.00, bbl. \$2.50.

**Peat, Rotted Fibrous.** An excellent material for mixing with potting soil for many plants, such as Ferns, Begonias, etc. Bus. \$1.00, bbl. \$2.50.

**LAWN MOWERS, Etc.****COLDWELL'S IMPERIAL MOWER****10-INCH HIGH WHEEL**

Size	4-blade	5-blade	Size	4-blade	5-blade
14 in.....	\$9.00	\$10.00	18 in.....	\$11.00	\$12.00
16 in.....	10.00	11.00	20 in.....	13.00	14.00

**COLDWELL'S DEMOUNTABLE PUTTING-GREEN MOWER (BALL-BEARING)**

Size	Each
16 in.....	\$25.00
18 in.....	30.00
20 in.....	35.00

The above prices include an extra cutting unit

### COLDWELL'S DEMOUNTABLE CUTTER UNIT HORSE LAWN MOWER

	4-blade	6-blade
30 in., complete, with seat, shaft and extra cutter unit.....	\$100.00	\$110.00
35 in., complete, with seat, shaft and extra cutter unit.....	125.00	135.00
40 in., complete, with seat, shaft and extra cutter unit.....	150.00	160.00

The above prices include an extra cutting unit

### THE RAJAH BALL-BEARING LAWN MOWER

14 in.....	\$9.00	18 in.....	\$11.00
16 in.....	10.00	20 in.....	12.00

### THE LAKWOOD BALL-BEARING

14 in.....	\$6.00	16 in.....	\$7.50	18 in.....	\$10.00
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### THE COLONIAL

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